

Start Producing January, 1962

FILE NOTATIONS

Entered in NID File

☒

Entered On S R Sheet

☐

Location Map Pinned

☒

Card Indexed

☒

IWR for State or Fee Land

☐

Checked by Chief

R.L.S.

Copy NID to Field Office

☐

Approval Letter

☒

Disapproval Letter

☐

COMPLETION DATA:

Date Well Completed

11-6-61

Location Inspected

☐

OW

WW

TA

Bond released

☐

State of Fee Land

☐

GW

OS

PA

Drill Completed

LOGS FILED

Driller's Log *12-7-61*

Electric Logs (No.)

2

E

I

E-I

☒

GR

GR-N

Micro

Lat

Mi-L

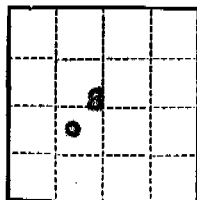
Sonic

☒

Others

☐

Verbal appraisal to doll this ~~was~~ well was given to Shamrock
on 8-18-61 by Mr. Robert L. Schmidt Esq. Feb. 6-9.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4
Approval expires 12-31-60.

Land Office Utah
Lease No. U-017403
Unit Rainbow

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

August 17, 1961

Well No. 1 is located 2310 ft. from N line and 2410 ft. from W line of sec. 3
SW 8 11 S 24 E S.L.M.
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildest Uintah Utah
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5258 ft. 5310'6"

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Estimated Formation Tops:
 Uintah Surface
 Green River 420
 Wasatch 2280
 Mesaverde 4100
 Mancos 6000
 Sat. T. D. 6000

Casing Program:
 13 3/8" - 36# casing set @ 200'
 Cement to circulate
 5 1/2" - 14-15.5# Casing set
 thru all potential gas
 producing zones.

To test potential gas sands in the Green River, Wasatch and Mesaverde formation.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Shamrock Oil and Gas Corporation

Address 1192 First Security Building

Salt Lake City, Utah

By Spencer Thomas

Title District Geologist

THE SHAMROCK OIL AND GAS CORPORATION

FIRST NATIONAL BANK BUILDING

BOX 631 - AMARILLO, TEXAS

Salt Lake City, Utah

August 18, 1961

Reply to:

Rocky Mountain Exploration District

First Security Bldg. Room 1192

Salt Lake City 11, Utah

State of Utah Oil and Gas Conservation Commission
310 Newhouse Building
Salt Lake City, Utah

Attention: Mr. C. B. Feight

Gentlemen:

The Shamrock Oil and Gas Corporation wishes to apply for an extension of Rule C-3a regarding the spacing of the location of the Rainbow Unit No. 1 well. The proposed location is 2,310 feet north of the south line and 2,410 feet east of the west line of Section 8, Township 11 South, Range 24 East, S.L.M., Uintah County, Utah.

Due to the topography characteristic of this area, selection of drill sites is restricted to the drainage of the area. In order to comply with Rule C-3a, it would be necessary to locate the drill site in a dry stream bed or on top of the sheer cliffs. This would require a considerable amount of road work, and if placed in the dry stream bed, could be damaged by flash floods that are common in this area.

We respectfully request that we be permitted to drill the subject test in the aforementioned unorthodox location under Rule C-3c.

Sincerely,



Ralph Thomas
District Geologist

RT/lrs

cc: Don Russell, U.S.G.S.

T 11S, R 24E

SANDSTONE MARKED 1/4 ON SOUTH FACE
6" X 13" X 25" ABOVE GROUND

N 89° 57' W

5274.72

N 0° 03' W

SANDSTONE 7" X 9" X 6" ABOVE GRND
MARKED 1/4 ON WEST FACE

8

LOCATION

GROUND ELEV.

5248.23'

5310'

24.0'

23.0'

N 0° 03' W

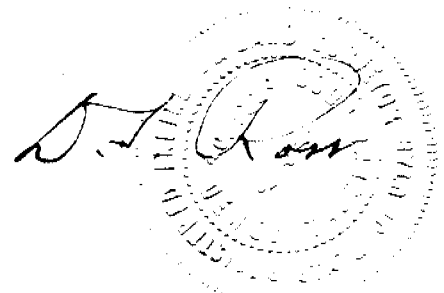
SANDSTONE 4" X 10" X 13" ABOVE GRND.
4 NOTCHES ON SOUTH, 5 NOTCHES ON EAST

N 89° 58' W

5790.56

Scale 1" = 1000'

BY: ROSS CONST. CO.
VERNAL, UTAH



PARTY R. D. ROSS
J. L. HARDMAN

SURVEY
SHAMROCK OIL & GAS CORPORATION
RAINBOW WELL NO. 1, NE 1/4, NE 1/4, SW 1/4,
SEC. 8, T 11S, R 24E, S. L. B. & M., UTAH
COUNTY, UTAH, AS SHOWN ABOVE.

DATE 4/5/60
REFERENCES
GLO PLAT 5/27/1905
FILE SHAMROCK

WEATHER WARM CLEAR

August 22, 1961

The Shamrock Oil & Gas Corp.
1192 First Security Building
Salt Lake City, Utah

Attn: Ralph Thomas, District Geologist

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Rainbow Unit #1, which is to be located 2310 feet from the south line and 2410 feet from the west line of Section 8, Township 11 South, Range 24 East, SEEM, Uintah County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well on said unorthodox location is hereby granted in accordance with Rule C-3 (c), General Rules and Regulations and Rules of Practice and Procedure, Utah State Oil and Gas Conservation Commission.

This approval terminates within 90 days if the above mentioned well has not been spudded in within said period.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT,
EXECUTIVE SECRETARY

CBF:avg

cc: Don F. Russell, Dist. Eng.
U. S. Geological Survey

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R356.5.
Approval expires 12-31-60.

Utah
LAND OFFICE
LEASE NUMBER B-017403
UNIT Rainbow

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of September, 19 61,

Agent's address 1192 First Security Building Company The Shamrock Oil and Gas Corp.
Salt Lake City, Utah

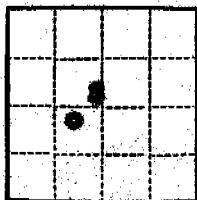
Phone DA 8-0165 Signed Ralph J. [Signature] Agent's title District Geologist

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 8 SW NE	11N	24E	1		Set 9-5/8" 32,30# H-40 casing at 2210' w/200' sx regular cement w/2% salt chloride. DST #1: 2180-2530. Tool shut in 30 min., open 60 min., shut in 30 min. Had fair blow immediately, decreased at end of test. No gas to surface and none in drill pipe. Recovered 5 gal high pour paint oil and 450' gas and water cut mud. FP 73-202#, SIP 985-965#, HHP 985-965#. DST #2A: 2945-66. Tool shut in 30 min., open 60 min., shut in 30 min. Gas to surface in 3 min. 30 min. gas gauged 45 MCF, 45 min. gas gauged 44 MCF, and 60 min. gas gauged 44 MCF. Recovered 40' GCM. FP 30-30#, SIP 1386-1169#, HHP 1444-1401#. DST #3: 3297-3331. Tool shut in 30 min., open 60 min., shut in 30 min. Gas to surface in 25 min., gas gauged 4 MCF. Recovered 950' fluid - 50' GCM, 900' wtr. FP 120-298#, SIP 1649-1494#, HHP 1664-1596#. DST #4: 3561-79. Tool shut in 60 min., open 90 min., shut in 30 min. Gas to surface immediately. 15 min. gas gauged 4,380,000; 30 min. gas gauged 4,710,000; 60 min. gas gauged 4,710,000; 90 min. gas gauged 4,710,000. Recovered 85' GCM. FP 513-698#, SIP 1755-1695#, HHP 2128-2078#. DST #5: 3662-92. Tool shut in 30 min., open 60 min., shut in 30 min. Gas to surface in 11 min., gas gauged 7 MCF. Recovered 160' fluid - 80' GCM and 80' fresh water. FP 31-61#, SIP 1812-1450#, HHP 2065-2050#. DST #6: 4232-4253. Tool shut in 30 min., open 60 min., shut in 30 min. Had weak blow that increased to fair blow and continued throughout test. Recovered 460' fluid - 100' mud and 360' water. FP 107-153#, SIP 2049-1509#, HHP 2251-2158#. DST #7: 4322-34. Tool shut in 30 min., open 75 min. Gas to surface in 24 min., gas gauged 8 MCF. Recovered 30' GCM. FP 12-15#, SIP 1488-1432#, HHP 2270-2251#.					

NOTE.—There were _____ runs or sales of oil; None M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lesse No. U-017403
Unit Rainbow

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	

Notice of Intention to Run Intermediate Casing

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

September 18, 1961

Well No. 1 is located 2310 ft. from N line and 2410 ft. from W line of sec. 8
SW 8 11 S 24 E S.L.M.
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Utah Utah
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5310' 6"

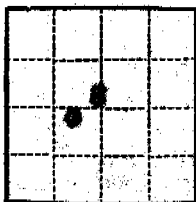
DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Request permission to set 9-5/8" casing to approximately 2,210 feet to shut off water flow. To cement casing with 200 sacks of cement grout.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Shamrock Oil and Gas Corporation
 Address 1192 First Security Building
Salt Lake City, Utah
 By Ralph Thomas
 Title District Geologist



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. U-017403
Unit Rainbow

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	<u>Subsequent Report of Running Intermediate Casing</u>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

September 19, 1961

Well No. 1 is located 2310 ft. from S line and 2410 ft. from W line of sec. 8

SW 8 11 S 24 E S.L.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wildcat Utah Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5250 ft. 5310' 6

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Run 73 joints (2,217.28') of 9-5/8" 32.30# H-40 casing. Set casing at 2,210 feet. Cemented with 200 sacks of cement with 25 calcium chloride, 45 gal., and 45 # flumed per sack. Run McMillough temperature log. Found top of cement at 1,580'.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Shamrock Oil and Gas CorporationAddress 1192 First Security BuildingSalt Lake City, UtahBy Ralph ThomasTitle District Geologist

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYLAND OFFICE Utah
LEASE NUMBER U-017403
UNIT Rainbow

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field WildcatThe following is a correct report of operations and production (including drilling and producing wells) for the month of October, 19 61.Agent's address 1192 First Security Building Company The Shamrock Oil and Gas Corp.
Salt Lake City, Utah Signed Ralph ThomasPhone BA 2-0165 Agent's title District Geologist

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 8 SW NE	11S	24E	1		DST #8: 4668-4683. Tool shut in 30 min., open 60 min., shut in 30 min. Fair blow immediately and thruout test. Recovered 100' heavy oil and gas cut mud. Oil is bright yellow high FP. FP 43-53#, SIP 2080-892# and still building, HHP 2581-2525#.					
					DST #9: 4887-4914. Tool shut in 30 min., open 60 min., shut in 30 min. Had fair blow immediately and continued throughout test. Recovered 130' gas cut mud. No gas to surface. FP 46-61#, SIP 1738-307#, HHP 2525-2525.					
					DST #10: 4979-4997. Tool shut in 30 min., open 60 min., shut in 30 min. Had good blow immediately that decreased to weak blow at end of test. No gas to surface. Recovered 30' slightly gas cut mud. FP 18-18#, SIP 578-572#, HHP 2641-2626#.					
					DST #11: 5009-5076. Tool shut in 30 min., open 1-3/4 hours, shut in 30 min. Gas to surface in 55 minutes. 1 1/2 hours gas gauged 15 MCF, 1-3/4 hours gas gauged 15 MCF. Recovered 200' gas cut mud. FP 61-77#, SIP 569-738#, HHP 2688-2654#.					
					DST #12: 5215-5230. Tool shut in 30 min., open 60 min., shut in 30 min. Had good blow that continued throughout test. No gas to surface. Recovered 30' slightly gas cut mud. FP 15-21#, SIP 569-738#, HHP 2791-2766#.					
					DST #13: 5440-5450. Tool shut in 30 min., open 60 min., gas to surface in 5 minutes. 15 min. gas gauged 47 MCF, 30 min. gauged 52 MCF, 60 min. gauged 63 MCF. Recovered 10' gas cut mud. FP 47-50#, SIP 3150-3140#, HHP 3431-3400#.					
					DST #14: 5847-5863. Tool shut in 30 min., open 60 min., shut in 30 min. Had fair blow that continued throughout test. No gas to surface. Recovered 10' gas cut mud. FP 31-40#, SIP 565-273#, HHP 3745-3745#.					
					DST #15: 5974-5987. Tool shut in 30 min., open 60 min., shut in 30 min. Had fair blow that continued throughout test. No gas to surface. Recovered 10' slightly gas cut mud.					

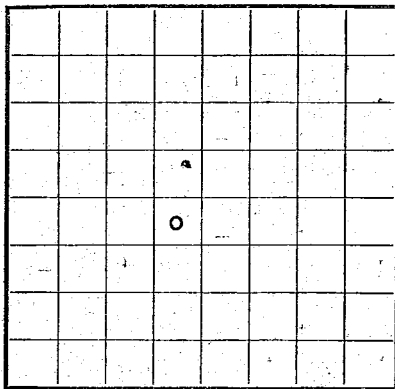
NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Sec. 8 11S 24E 1 (continued)
SW NE

FP 15-50#, SIP 188-62#, HHP 3761-3761#.
Drilled to 6559'. Ran Schlumberger survey. TD by log
6569'. Ran 176 joints (5,614.93') 7" OD 23# J-55 casing.
Set casing at 5610'. Ran Baker float and guide shoe.
Ran centralizers at 5550', 5459', 5058', 4346', 3681',
3630' and 3010'. Cemented with 850 sacks regular.
Pumped plug to float at 5578'. Ran McCullough temperature
survey to 5574'. Ran correlation log.
Perforated with Schlumberger radial jets, 5 holes per foot,
single plane, at 4680 and 4690.
Fraced Mesaverde as follows: Broke formation in 1 hour at
6000# pressure. Treated with 25 barrels diesel preflush;
10,000 gal jelled diesel, 4,000# of 20-40 sand, 500# adomite
and 10 gallons preflow. Treated at 5500# at 7 barrels per
minute. Flowed back 10 barrels. Preparing to swab.



LOCATE WELL CORRECTLY

U. S. LAND OFFICE Utah
SERIAL NUMBER U-017403
Rainbow Unit
LEASE OR PERMIT TO PROSPECT _____UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company The Shamrock Oil and Gas Corp. Address 870 First Security Bldg., Salt Lake City
Lessor or Tract Rainbow Field Wildcat State Utah
Well No. 1 Sec. 8 T. 11S R. 24E Meridian S.L. County Uintah
Location 2310 ft. N. of S. Line and 2410 ft. E. of W. Line of Section 8 Elevation 5310 G
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed Louise S. JenkinsDate December 5, 1961 Title Geologist

The summary on this page is for the condition of the well at above date.

Commenced drilling August 28, 1961 Finished drilling October 26, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2960 to 2972 (G) No. 4, from 5452 to 5458 (G)
No. 2, from 3574 to 3588 (G) No. 5, from _____ to _____
No. 3, from 4332 to 4340 (G) No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 1210 to 1230 No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>13-3/8</u>	<u>48#</u>			<u>214'</u>	<u>—</u>	<u>—</u>			<u>Surface Csg.</u>
<u>9-5/8</u>	<u>32-30#</u>	<u>11-4.0</u>		<u>2210'</u>					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>13-3/8"</u>	<u>214</u>	<u>300 regular</u>			
<u>9-5/8"</u>	<u>2210</u>	<u>200 regular</u>			

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8"	214	300 regular			
9-5/8"	2210	200 regular			

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
 Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from _____ 0 _____ feet to _____ 6569 _____ feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____
 The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____
 If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
 _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	200	200	Sd & Shale
200	1800	1600	Oil shale
1800	2400	600	Sd & shale
2400	2450	50	Sh
2450	2520	70	Lime
2520	2950	430	Sh
2950	3100	150	Sd & Sh.
3100	3300	200	Sh.
3300	3340	40	Sd.
3340	3570	230	Shale
3570	3595	25	Sd.
3595	3650	55	Shale
3650	3700	50	Sd.
3700	3900	200	Shale
3900	3970	70	Sd.
3970	6255	2285	Sd & Sh.
6255	6400	145	Sh.
6400	6460	60	Sd.
6460	6569	139	Sh.

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Spud 8-28-61

Set 13-3/8" casing @ 214' w/300 sx.

Ran Schlumberger logs @ 2521'. Log Top Wasatch 2519.

Ran 9-5/8" casing @ 2210 w/200 sx.

DST #1: 2180-2530. Tool SI 30 min., open 60 min., SI 30 min. Had fair blow immed. that was decr at EOT. NGTS and none in drill pipe. Rec. 5 gallons HPPO and 450' G&WCM. FP 73-202#, SIP 985-965#, HHP 985-965#.

DST #2A: 2949-66. Tool SI 30 min., open 60 min., SI 30 min. GTS 3 min. Gas gauged 45 MCF in 30 min., 44 MCF in 45 min., and 60 min. gg 44 MCF. Rec. 40' GCM. FP 30-33#, SIP 1386-1169#, HHP 1444-1401#.

DST #3: 3297-3331. Tool SI 30 min., open 60 min., SI 30 min. GTS 25 min. Gas gauged 4 MCF. Rec. 950' fluid - 50' GCM, 900' wtr. FP 120-298#, SIP 1649-1494#, HHP 1664-1596#.

Well att. to Blow out. Killed well.

DST #4: 3561-79. Tool SI 60 min., open 60 min., SI 30 min. GTS immed. Gas gauged 4,380 MCF in 15 min., 4,710 MCF in 30 min., 4,710 MCF in 60 min., 4,710 MCF in 90 min. Rec. 85' GCM. FP 513-698#, SIP 1755#-1695#, HHP 2128-2078#.

DST #5: 3662-92. Tool SI 30 min., open 60 min., SI 30 min. GTS 11 min. Gas gauged 7 MCF. Rec. 160' fluid - 80' of GCM and 80' fresh wtr. FP 31-61#, SIP 1812-1450#, HHP 2065-2050#.

DST #6: 4232-4253. Tool SI 30 min., open 60 min., SI 30 min. Had weak blo that incr to fair blo and cont thruout test. Rec. 460' fluid - 100' Mud & 360' wtr. FP 107-153#, SIP 2049-1509#, HHP 2251-2158#.

DST #7: 4322-4334. Tool SI 30 min., open 1 1/2 hrs, SI 30 min. GTS 24 min, gg 8 MCF. Rec. 30' GCM. FP 12-15#, SIP 1488-1432#, HHP 2270-2251#.

DST #8: 4668-4683. Tool SI 30 min., open 60 min., SI 30 min. Fair blo immed & thruout test. Rec 100' heavy O&GCM. Oil is bright yellow HPP. FP 43-55#, SIP 2080-892#, & still bldg., HHP 2581-2525#.

DST #9: 4887-4914. Tool SI 30 min., open 60 min., SI 30 min. Had fair blo immed cont thruout test. NGTS. Rec. 130' GCM. FP 46-61#, SIP 1738-307#, HHP 2525-2525#.

DST #10: 4979-4997. Tool SI 30 min., open 60 min., SI 30 min., Had good blo immed that decr to weak blo at EOT. NGTS. Rec. 30' sli GCM. FP 18-18#, SIP 578-572#, HHP 2641-2626#.

DST #11: 5009-5076. Tool SI 30 min., open 1 hr 45 min., SI 30 min. GTS 55 min. Gas gauged 15 MCF in 1 1/2 hrs, 15 MCF in 1-3/4 hrs. Rec. 200' GCM. FP 61-77#, SIP 569-738#, HHP 2688-2654.

DST #12: 5215-5230. Tool SI 30 min., open 60 min., SI 30 min. Had good blo that cont thruout test. NGTS. Rec. 30' sli GCM. FP 15-21#, SIP 569-738#, HHP 2791-2766#. Drilled to 5450' - Att. to Blow Out. Killed Well.

History of Oil or Gas Well (continued)

DST #13: 5440-5450. Tool SI 30 min., open 60 min., SI 30 min. GTS 5 min.
Gas gauged 47 MCF in 15 min., 52 MCF in 30 min., 63 MCF in 60 min. Rec 10' GCM.
FP 47-50#, SIP 3150-3140#, HHP 3431-3400#.

DST #14: 5847-5863. Tool SI 30 min., open 60 min., SI 30 min. Had fair blow
that cont. thruout test. NGTS. Rec 10' GCM. FP 31-40#, SIP 565-273#, HHP 3745-3745#.

DST #15: 5974-5987. Tool SI 30 min., open 60 min., SI 30 min. Had fair blow that
cont thruout test. NGTS. Rec 10' sli GCM. FP 15-50#, SIP 188-62#, HHP 3761-3761#.
Drilled to 6,559'. Ran Schlumberger logs. Schlumberger TD 6569. Log Tops: 4342,
B.T. 6256, Cg 6402, Mancos 6552.
Set 7" csg @ 5610 w/850 sx regular cement.
Ran cement log; T/cement 2040.
Perf KMV w/5 holes per ft, single plane, @ 4680 and 4690
Frac Perfs w/10,000 g gelled diesel + 4,000# 20-40 sd.
IR 7 BPM @ treating pressure 5500#.
Flo & swbd. 50% diesel, 50% wtr, plus sho gas.
Sqz perfs 4680 and 4690 w/120 sx. Pozmix.
Set Mod. "D" production pkr @ 5400'.
Perfs w/2 jets per ft 2960-2972; 3574-3588; 4332-4340
Ran 2-3/8" OD tbg open ended thru Model "D" pkr to 5432
Ran short string 2-3/8" OD tbg. Set @ 2919' in parallel string anchor.
Perf KMV thru long stg tbg from 5452 to 5458 w/5 tubing jets per ft.
Frac KMV Perf 5452-5458 w/9,000 g gelled diesel + 4,000# sd.
IR 6 BPM @ treating pressure 5500#.
Opened KMV. Gas gg 3.060 M thru 1/2" choke, SITP 1700#, SI KMV.
Frac TW perfs (2960-4340) w/19,160 g gelled diesel + 2,000# aluminum pellets.
Used 140 ball sealers. IR 27 BPM @ treating pressure 2800#. Opened well, gas gauged
2.820 M thru 1/2" choke, SIGP 1700#, SITP 1600#. Flowing and testing.
Re-frac TW perfs (2960-4340) w/21,000 g gelled diesel + 8,000# 20-40 sd. IR 27 BPM
@ treating pressure 3,000#. Opened well. Flo est 350 BD/4 hrs.
Flo 6 hrs thru 3/8" choke w/CP 475 TP 450, gas gg 1.500 M.

Dually completed:

Wasatch: AOF 1.500 M thru 3/8" choke. FGP 475#, FTP 450#, SIGP 1400#.

Comp. date 11-17-61.

Mesaverdes: AOF 3.060 M thru 1/2" choke, FTP 1700#, SITP 2500#. Comp date 11-6-61

Well now SI waiting on pipeline outlet.

Branch of Oil and Gas Operations
8416 Federal Building
Salt Lake City, Utah 84111

October 28, 1966

Shamrock Oil and Gas Corporation
First National Bank Building
P. O. Box 631
Amarillo, Texas 79105

Gentlemen:

On October 20 and 21, we visited Shamrock's operations in the Rainbow and Rockhouse fields and several of your dry holes. Attached are approved subsequent reports of abandonment for those dry holes we did visit.

Generally, everything in the two fields is in good condition. We did note missing well signs at Rainbow unit wells 4 and 6; Rockhouse unit wells 7, 9, and 11 and well 1-13. Well signs should be erected for each of these wells. We also noted small amounts of miscellaneous trash and debris at most of the locations which should be cleaned up.

Sincerely yours,

(ORIG SGO) R. A. SMITH

Rodney A. Smith
District Engineer

Attachments

cc: ✓ State Oil & Gas Conservation Commission
348 East South Temple, Suite 301
Salt Lake City, Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

Federal Lease No. _____

Indian Lease No. _____

Fee & Pat. _____

1588 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH 84116
328 5771

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Uintah FIELD/LEASE RainbowThe following is a correct report of operations and production (including drilling and producing wells) for the month of:
June, 19 76Agent's Address P.O. Box 631
Amarillo, Texas 79173Company Diamond Shamrock CorporationSigned Carolyn GreenTitle ClerkPhone No. (806) 376-4451

Well No.	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; data and result of test for gasoline content of gas)
UTAH WASATCH PARTICIPATING AREA "A"										
18	11S	24E	2	-0-	-0-		-0-		-0-	Presently Conducting a Compression Feasibility Study
UTAH WASATCH PARTICIPATING AREA "B"										
1	11S	24E	4	-0-	-0-		-0-		-0-	Producer upper zone
UTAH MESA VERDE PARTICIPATING AREA										
8	11S	24E	1	-0-	-0-		-0-		-0-	Presently conducting a compression Feasibility study
UTAH WASATCH PARTICIPATING AREA										
8	11S	24E	1	-0-	-0-		-0-		-0-	Presently conducting a compression Feasibility study
Water Disposition (Bbls.)										
Pit										
Injected										
Unavoidably Lost										
Reason										
Other										

GAS: (MCF)

Sold _____

Flared/Vented _____

Used On/Off Lease _____

OIL or CONDENSATE: (To be reported in Barrels)

On hand at beginning of month 125.89Produced during month -0-Sold during month -0-

Unavoidably lost _____

Reason: _____

On hand at end of month 125.89

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION

1588 WEST NORTH TEMPLE
 SALT LAKE CITY, UTAH 84116
 328-5771

State Lease No.
 Federal Lease No.
 Indian Lease No.
 Fee & Pat.

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Uintah FIELD/LEASE Rainbow

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
November, 19 76

Agent's Address P. O. Box 631 Company Diamond Shamrock Corporation
Amarillo, Texas 79173 Signed [Signature]
 Phone No. (806) 376-4451 Title Clerk

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
UTAH WASATCH PARTICIPATING AREA "A"										
18	11S	24E	2	-0-	-0-		-0-		-0-	Presently Conducting a Compression Feasibility Study
UTAH WASATCH PARTICIPATING AREA "B"										
1	11S	24E	4	-0-	-0-		-0-		-0-	Producer Upper Zone
UTAH MESA VERDE PARTICIPATING AREA										
18	11S	24E	1	-0-	-0-		-0-		-0-	Presently Conducting a Compression Feasibility Study
UTAH WASATCH PARTICIPATING AREA										
8	11S	24E	1	-0-	-0-		-0-		-0-	Presently Conducting a Compression Feasibility Study
L or CONDENSATE: (To be reported in Bbls)										
On hand at beginning of month					125.89	WATER DISPOSITION(Bbls)				
Produced during month					-0-	Pit				
Sold during month					-0-	Injected				
Unavoidably lost						Unavoidably Lost				
Reason						Reason				
On hand at end of month					125.89	Other				
						Gas Sold.....				
						Flared/Vented.....				
						Used on/off Lease.....				

NOTE: There were _____ runs or sales of oil; _____ M. cu. ft. of gas sold;
 _____ runs or sales of gasoline during the month.

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. **THIS REPORT MUST BE FILED IN DUPLICATE.**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other ☐
2. NAME OF OPERATOR
DIAMOND SHAMROCK CORPORATION
3. ADDRESS OF OPERATOR
P. O. DRAWER "E" VERNAL, UTAH 84078
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE:
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

SUBSEQUENT REPORT OF:

FEB 23 1983

DIVISION OF

OIL GAS & MINING

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

(other) To lay 2000' of 3" gas lines and set a portable compressor

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

DIAMOND SHAMROCK CORPORATION requests permission to lay approximately 2000' of 3 inch pipe to tie Rainbow Unit Well #1 and Rainbow Unit Well #4 together, and to set a portable compressor in the NW $\frac{1}{4}$ of Section 7, T11S, R24E.

Pipelines will be laid parallel to Mountain Fuel's existing lateral and will utilize the same right-of-way. Laying of the gas line and spotting of the compressor will not create a surface disturbance.

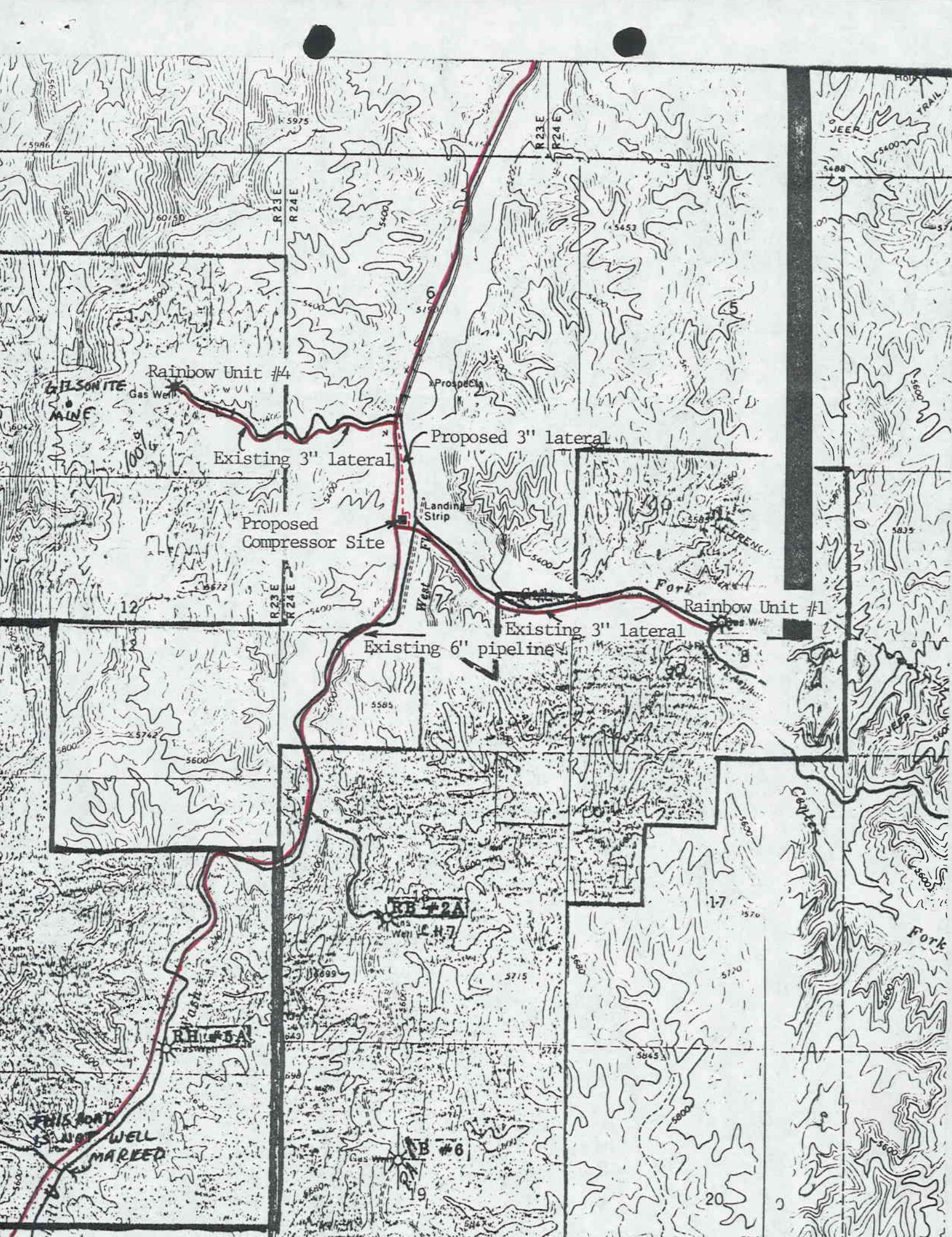
Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Jeff H. Runk TITLE PRODUCTION ENG. DATE FEBRUARY 22, 1983

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:



STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL & GAS CONSERVATION

1588 WEST NORTH TEMPLE
SALT LAKE CITY, UTAH 84116
328 5771

State Lease No.

Federal Lease No.

Indian Lease No.

Fee & Pat.

RECEIVED
OCT 28 1977

OIL & MINING

REPORT OF OPERATIONS AND WELL STATUS REPORT

STATE Utah COUNTY Uintah FIELD/LEASE Rainbow

The following is a correct report of operations and production (including drilling and producing wells) for the month of:
September, 19 77

Agent's Address P. O. Box 631 Company Diamond Shamrock Corporation
Amarillo, Texas 79173 Signed [Signature]
Phone No. (806) 376-4451 Title Clerk

Sec. and 1/4 of 1/4	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (in thousands)	Gallons of Gasoline Recovered	Barrels of Water Produced	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
UTAH WASATCH PARTICIPATING AREA "A"										
18	11S	24E	2A	-0-	-0-		-0-		-0-	Presently Conducting a Compression Feasibility Study
					Green River fresh water				9,300	
UTAH WASATCH PARTICIPATING AREA "B"										
1	11S	24E	4	-0-	-0-		-0-		-0-	Producer Upper Zone
UTAH MESA VERDE PARTICIPATING AREA										
8	11S	24E	1	-0-	-0-		-0-		-0-	Presently conducting a Compression Feasibility Study
					Green River fresh water				18,720	
UTAH WASATCH PARTICIPATING AREA										
8	11S	24E	1	-0-	-0-		-0-		-0-	Presently Conducting a Compression Feasibility Study
L or CONDENSATE: (To be reported in Bbls)							WATER DISPOSITION (Bbls)			
On hand at beginning of month					125.89		Pit			
Produced during month					-0-		Injected			
Sold during month					-0-		Unavoidably Lost			Gas Sold -0-
Unavoidably lost							Reason			Flared/Vented -0-
Reason							Other			Used on/off Lease -0-
On hand at end of month					125.89					

NOTE: There were _____ runs or sales of oil; _____ M. cu. ft. of gas sold;
_____ runs or sales of gasoline during the month.

DRILLING/PRODUCING WELLS: This report must be filed on or before the sixteenth day of the succeeding month following production for each well. Where a well is temporarily shut-in, a negative report must be filed. **THIS REPORT MUST BE FILED IN DUPLICATE.**

*** BASIC WELL INFORMATION *** MENU: OPTION 00
API NUMBER: 4304715805 PROD ZONE: GRRV SEC TOWNSHIP RANGE QR-QR
ENTITY: 2010 (600769600) 8 11.0 S 24.0 E NESW

WELL NAME: RAINBOW UNIT #1
OPERATOR: N0340 (DIAMOND SHAMROCK EXPL.) MERIDIAN: S
FIELD: 670 (ROCK HOUSE)

CONFIDENTIAL FLAG: CONFIDENTIAL EXPIRES: 0 ALT ADDR FLAG:
*** APPLICATION TO DRILL, DEEPEN, OR PLUG BACK ***
1B. TYPE OF WELL (OW/GW/OT): GW 5. LEASE NUMBER: U-017403 LEASE TYPE: 1
4. SURFACE LOC: 2310 FSL 2410 FWL 7. UNIT NAME: RAINBOW UNIT
PROD ZONE LOC: 2310 FSL 2410 FWL 19. DEPTH: 6000 PROPOSED ZONE: MNCS
21. ELEVATION: 5310' GR APD DATE: 610822 AUTH CODE: C-3(C)

*** COMPLETION REPORT INFORMATION *** DATE RECD: 0
15. SPUD DATE: 610829 17. COMPL DATE: 611026 20. TOTAL DEPTH: 6569'

24. PRODUCING INTERVALS:
4. BOTTOM HOLE: 2310 FSL 2410 FWL 33. DATE PROD: 0 WELL STATUS: WSW
24HR OIL: 0 24HR GAS: 0 24HR WTR: 0 G-O RATIO: 0
*** WELL COMMENTS *** API GRAVITY: 0.00

850429 CUM PROJECT; SEE ALSO WSTC PZ AND MVRD PZ

OPTION: 48 PERIOD(YMM): 0 API: 4304715805 ZONE: GRRV ENTITY: 0

Nothing in this file alt GRRV WSW
2-2-87

*** BASIC WELL INFORMATION *** MENU: OPTION 00
API NUMBER: 4304715805 PROD ZONE: WSTC SEC TWSHP RANGE QR-QR
ENTITY: 2010 (600769600) 8 11.0 S 24.0 E NESW

WELL NAME: RAINBOW UNIT #1
OPERATOR: NO340 (DIAMOND SHAMROCK EXPL.) MERIDIAN: S
FIELD: 670 (ROCK HOUSE)

CONFIDENTIAL FLAG: CONFIDENTIAL EXPIRES: 0 ALT ADDR FLAG:

*** APPLICATION TO DRILL, DEEPEN, OR PLUG BACK ***
1B. TYPE OF WELL (OW/GW/OT): GW 5. LEASE NUMBER: U-017403 LEASE TYPE: 1

4. SURFACE LOC: 2310 FSL 2410 FWL 7. UNIT NAME: RAINBOW
PROD ZONE LOC: 2310 FSL 2410 FWL 19. DEPTH: 6000 PROPOSED ZONE: MNCS
21. ELEVATION: 5310' GR APD DATE: 610822 AUTH CODE: C-3(C)

*** COMPLETION REPORT INFORMATION *** DATE RECD: 0
15. SPUD DATE: 610828 17. COMPL DATE: 611117 20. TOTAL DEPTH: 6569'
24. PRODUCING INTERVALS: 2960-2972 3574-3588

4. BOTTOM HOLE: 2310 FSL 2410 FWL 33. DATE PROD: 0 WELL STATUS: SGW
24HR OIL: 0 24HR GAS: 1500 24HR WTR: 0 G-O RATIO: 0
*** WELL COMMENTS *** API GRAVITY: 0.00

850429 CUM PROJECT; SEE ALSO MVRD PZ AND GRRV PZ WSW
611117 COMPLETED AS SIWOPLC

OPTION: 48 PERIOD(YMM): 0 API: 4304715805 ZONE: WSTC ENTITY: 0

*** BASIC WELL INFORMATION *** MENU: OPTION 00
API NUMBER: 4304715805 PROD ZONE: MVRD SEC TWSHP RANGE QR-QR
ENTITY: 2010 (600769600) 8 11.0 S 24.0 E NESW

WELL NAME: RAINBOW UNIT #1
OPERATOR: NO340 (DIAMOND SHAMROCK EXPL.) MERIDIAN: S
FIELD: 670 (ROCK HOUSE)

CONFIDENTIAL FLAG: CONFIDENTIAL EXPIRES: 0 ALT ADDR FLAG:

*** APPLICATION TO DRILL, DEEPEN, OR PLUG BACK ***
18. TYPE OF WELL (OW/GW/OT): GW 5. LEASE NUMBER: U-017403 LEASE TYPE: 1

4. SURFACE LOC: 2310 FSL 2410 FWL 7. UNIT NAME: RAINBOW
PROD ZONE LOC: 2310 FSL 2410 FWL 19. DEPTH: 6000 PROPOSED ZONE: MNCS
21. ELEVATION: 5310' GR APD DATE: 610822 AUTH CODE: C-3(C)

*** COMPLETION REPORT INFORMATION *** DATE RECD: 0
15. SPUD DATE: 610828 17. COMPL DATE: 611106 20. TOTAL DEPTH: 6569'
24. PRODUCING INTERVALS: 4332-4340 5452-48

4. BOTTOM HOLE: 2310 FSL 2410 FWL 33. DATE PROD: 0 WELL STATUS: SGW
24HR OIL: 0 24HR GAS: 3060 24HR WTR: 0 G-O RATIO: 0
*** WELL COMMENTS *** API GRAVITY: 0.00

830429 CUM PROJECT; SEE ALSO WSTC PZ AND GRRV PZ WSW
611106 SIWOPLC

OPTION: 48 PERIOD(YMM): 0 API: 4304715805 ZONE: MVRD ENTITY: 0



UTAH
NATURAL RESOURCES
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. • (801-538-5340)

DOGM 56-64-21
an equal opportunity employer

Page 5 of 6

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• DIAMOND SHAMROCK EXPL.
2001 ROSS AVE #1500
DALLAS TX 75201
ATTN: PAT COTE

RECEIVED
JUN 05 1987

DIVISION OF
OIL, GAS & MINING

Utah Account No. N0340

Report Period (Month/Year) 4 / 87

Amended Report ☐

Well Name				Producing Zone	Days Oper	Production Volume		
API Number	Entity	Location				Oil (BBL)	Gas (MSCF)	Water (BBL)
X 4304730063	01320 09S	19E 18		GRRV	-0-	-0-	-0-	-0-
X 4304731114	01325 09S	19E 8		GRRV	-0-	-0-	-0-	-0-
X 4304731125	01330 09S	19E 18		GRRV	-0-	-0-	-0-	-0-
X 4304731123	01335 09S	19E 5		GRRV	30	374	591	15
X 4304731237	01340 09S	19E 17		GRRV	-0-	-0-	-0-	-0-
X 4304715680	01345 09S	19E 7		GRRV	26	422	277	-0-
X 4304731584	01346 09S	19E 7		GRRV	30	412	450	10
X 4304715806	01350 11S	24E 18		MVRD	-0-	-0-	-0-	-0-
X 4304715806	01350 11S	24E 18		WSTC	-0-	-0-	-0-	-0-
X 4304715807	01355 11S	23E 1		WSTC	-0-	-0-	-0-	-0-
X 4304715805	02010 11S	24E 8		MVRD	-0-	-0-	-0-	-0-
X 4304715805	02010 11S	24E 8		WSTC	-0-	-0-	-0-	-0-
X 4304715809	02025 11S	23E 10		MVRD	-0-	-0-	-0-	-0-
TOTAL						1208	1318	25

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete.

Date 6-2-87

Pat Cote
Authorized signature

Telephone (214) 979-2822

PLEASE COMPLETE FORMS IN BLACK INK

Maxus Energy Corpora
LTV Center
2001 Ross Avenue
Dallas, Texas 75201
214 979-2800

RECEIVED
JUN 05 1987

060810

DIVISION OF
OIL, GAS & MINING

June 2, 1987

MAXUS

Utah Division of Oil, Gas & Mining
Attn: Norm Stout
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Dear Mr. Stout,

Regarding your request for information concerning the change of name of our company from Diamond Shamrock Exploration, to Maxus Exploration Company:

1. New replacement bond is being taken care of by Sherry Neally (214) 953-2858, and will be mailed to you shortly by Judy Tate (806) 378-3876.
2. Contact names will remain the same - Kaleb Leake (307) 266-1882, Maxus Exploration Company, P.O. Box 2530, Mills, WY 82644, for drilling and permitting; Pat Cote (214) 979-2822, at the letterhead address, for production and disposition reporting.
3. I am enclosing a copy of our most recent production report. This is a complete list of all wells to be affected by the name change.
4. The name change is effective 4-28-87. All name change notices are being handled by Dick Smith in our Legal Department (214) 953-2979. He assures us that the notices will be sent out in a few days.
5. There are no changes in the division of interest on any of the attached wells, therefore all entity numbers will remain the same.

Thank you for your patience in this matter, and please contact me if there is any other information needed.

Sincerely,

Pat Cote

Pat Cote
Production Clerk, Oil Revenue
Maxus Exploration
(214) 979-2822

COMPANY: MAXUS EXPLORATION CO UT ACCOUNT # _____ SUSPENSE DATE: 6-10-87
(FORMERLY DIAMOND SHAMROCK EXPLORATION CO)

TELEPHONE CONTACT DOCUMENTATION

CONTACT NAME: PAT COTE (PAT PRONOUNCES HER NAME "COATEE")

CONTACT TELEPHONE NO.: (214) 777-2822

SUBJECT: OPERATOR CHANGE - DIAMOND SHAMROCK EXPLORATION CO TO MAXUS EXPL CO

(Use attachments if necessary)

RESULTS: PAT SAID SHE WOULD PROVIDE: LTR OF EXPLANATION FOR 1) EFFECTIVE DATE,
2) BONDING, 3) ENTITY REVIEW, 4) WELLS IN QUESTION, 5) ADDRESS & TEL
FOR BOTH DRILLING AND PRODUCTION CONTACT PEOPLE,

SHE WILL USE GOVT A SUPPLEMENTED COPY OF TAD TO IDENTIFY ALL
WELLS, INCLUDING DRILLING AND INJECTION

(Use attachments if necessary)

CONTACTED BY: *[Signature]*

DATE: 6-2-87

(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate
(Other instructions re-
verse side)

Budget Bureau No. 1001-01-00
Expires August 31, 1985

1. LEASE DESIGNATION AND SERIAL NO.

U-017403

2. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

RAINBOW UNIT

8. FARM OR LEASE NAME

9. WELL NO.

#1

10. FIELD AND POOL, OR WILDCAT

WASATCH

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

SEC. 8, T11S, R24E

12. COUNTY OR PARISH

UTAH

13. STATE
UTAH

1.

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

MAXUS EXPLORATION COMPANY

3. ADDRESS OF OPERATOR

P. O. BOX 1669, VERNAL, UTAH 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

2310' FSL & 2410' FWL

14. PERMIT NO.

43-047-15805

15. ELEVATIONS (Show whether DF, ST, GR, etc.)

5258' GL

16

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) REQUEST TO SHUT-IN WELL ☒

PULL OR ALTER CASING ☐

MULTIPLE COMPLETION ☐

ABANDON* ☐

CHANGE PLANE ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

MAXUS EXPLORATION COMPANY requests permission to shut-in the Rainbow Unit #1. High fluid level in the pipe, along with high pipeline pressure has caused this well to become uneconomical to maintain. If this situation reverses to where this well can again become productive, the BLM will be notified of the change.

No plug has been set, hence, the request for shut in status.

RECEIVED
MAY 27 1988

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

Jim Hendricks

TITLE Production Engineer

DATE 5-24-88

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(November 1981)
(Formerly 9-311)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATION
(Other instructions on reverse side)

Project Number: 1001-1015
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

SEE ATTACHMENT

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER ☐

2. NAME OF OPERATOR

MAXUS EXPLORATION COMPANY

3. ADDRESS OF OPERATOR

P.O. BOX 1669 Vernal, Utah 84078 OIL, GAS & MINING

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below)
At surface

SEE ATTACHMENT

14. PERMIT NO.

SEE ATTACHMENT

15. ELEVATIONS (Show whether OF, BY, OR, etc.)

SEE ATTACHMENT

7. WELL NO.

SEE ATTACHMENT

10. FIELD AND POOL, OR WILDCAT

SEE ATTACHMENT

11. SEC. T., S., M., OR B.L. AND SURVEY OR AREA

SEE ATTACHMENT

12. COUNTY OR PARISH 13. STATE

UINTAH

UTAH

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACURE TREAT

MULTIPLE COMPLETION

REDUCE OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

OTHER

REQUEST SOP OF UNIT

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACURE TREATMENT

ALTERING CASING

REDUCING OR ACIDIZING

ABANDONMENT*

(Other)

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and survey points pertinent to this work.)

MAXUS EXPLORATION COMPANY request permission to suspend production of the referenced wells. Current gas prices have caused these wells to become uneconomical to produce, but premature abandonment of the Rainbow Unit #1, 2A & 4 wells would cause a loss of potential recoverable reserves from this unit. Therefore, the suspension of production request.

COPY

18. I hereby certify that the foregoing is true and correct

SIGNED

Sam Hindricks

TITLE: Production Engineer

DATE

7-20-88

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

Federal approval of this action is required before commencing operations.

TITLE

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE

7-27-88

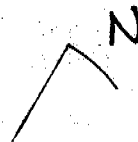
BY

John R. Bap

*See Instructions on Reverse Side

NAME AND NUMBER	LEASE # & FORMATION	LOCATION	ELEVATION	PERMIT #
RAINBOW UNIT # 1	U-017403 WASATCH	2310' FSL&2410FWL SEC.8,T11S,R24E	5258 GR	43-047-15805
RAINBOW UNIT #2A	U-017664 MESA VERDE	2238' FSLT2000'FWL SEC.19,T11S,R24E	5447GR	43-047-15806
RAINBOW UNIT #4	U-017664-A Wasatch	1628' FSL&1868'FEL SEC.1,T11S,R23E	5567'GR	43-047-15807

COPY



emergency pit



emergency pit



wellhead



emergency pit



43.381 100 SHEET
43.382 100 SHEET
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43.400 100 SHEET



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELLS <input checked="" type="checkbox"/> OTHER	7. UNIT AGREEMENT NAME RAINBOW UNIT
2. NAME OF OPERATOR MAXUS EXPLORATION COMPANY	8. FARM OR LEASE NAME
3. ADDRESS OF OPERATOR P. O. BOX 1669, VERNAL, UTAH 84078	9. WELL NO. SEE ATTACHMENT
4. LOCATION OF WELL (Report location clearly and in accordance with See also space 17 below.) At surface SEE ATTACHMENT	10. FIELD AND POOL, OR WILDCAT
14. PERMIT NO. SEE ATTACHMENT	11. SEC., T., R., E., M., OR BLK. AND SURVEY OR AREA SEE ATTACHMENT
15. ELEVATIONS (Show whether of, DIVISION OF OIL, GAS & MINING) SEE ATTACHMENT	12. COUNTY OR PARISH UINTAH
	13. STATE UTAH

RECEIVED
MAY 19 1989

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) REQUEST SOP OF UNIT	X		

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

MAXUS EXPLORATION COMPANY respectfully requests permission to extend its suspension of production status for Rainbow Unit and associated leases. Premature abandonment would cause a loss of potential recoverable reserves.

The leases and wells will be maintained in such a manner so as to prevent damage to natural resources, both surface and subsurface and monthly reports of operations for the Rainbow Unit will continue to be submitted to the appropriate MMS office.

LAND C

1. VRS	3-6-1989
2. TS	4-5-89
3. LCB	5-1-89
4. N	3-7-89
5-	

18. I hereby certify that the foregoing is true and correct

SIGNED

Jim Hendricks
JIM HENDRICKS

TITLE PRODUCTION ENGINEER

DATE 5-16-89

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

[illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

SEE ATTACHMENT

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR
MAXUS EXPLORATION COMPANY

3. ADDRESS OF OPERATOR
P. O. BOX 1669, VERNAL, UTAH 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

SEE ATTACHMENT

14. PERMIT NO.
SEE ATTACHMENT

15. ELEVATIONS (Show whether SF, ST, OR, etc.)
SEE ATTACHMENT

UNIT AGREEMENT NAME

SEE ATTACHMENT

FARM OR LEASE NAME

SEE ATTACHMENT

8. WELL NO.

SEE ATTACHMENT

10. FIELD AND POOL, OR WILDCAT

SEE ATTACHMENT

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

SEE ATTACHMENT

12. COUNTY OR PARISH

UINTAH

13. STATE

UTAH

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SELL WELLS

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.) *

MAXUS EXPLORATION COMPANY respectfully wishes to inform the BLM of our recent sale
of the Rainbow Unit #1, #2A, #4, and the Rockhouse Unit #1, #3, #4, #44-14, #5A and
#8 to McKenzie Petroleum. The effective date of this sale was September 1, 1989.

OIL AND GAS

ON

RJF

GLH

GLH

SLS

SLS

LTAS

Q-DISPOS

3- MICR

4- FILE

18. I hereby certify that the foregoing is true and correct

SIGNED

RODNEY BREWER

TITLE ENGINEER

DATE 10-5-89

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

RECEIVED

OCT 19 1989

DIVISION OF

OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Change Of Operator - Mass Transfer		5. LEASE DESIGNATION & SERIAL NO. -	
2. NAME OF OPERATOR McKenzie Petroleum Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -	
3. ADDRESS OF OPERATOR 1625 Broadway, Suite 2580, Denver, CO. 80202		7. UNIT AGREEMENT NAME -	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface At proposed prod. zone See Attachments.		8. FARM OR LEASE NAME -	
		9. WELL NO. -	
		10. FIELD AND POOL, OR WILDCAT -	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA -	
14. API NO. -	15. ELEVATIONS (Show whether DF, RT, GR, etc.) -	12. COUNTY Uintah	13. STATE Utah

18. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other)

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON ☐

CHANGE PLANS ☒

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) Change of Operator

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

APPROX. DATE WORK WILL START 8-20-89

DATE OF COMPLETION 9-1-89

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

* Must be accompanied by a cement verification report.

Please Note: Change Of Operator via Mass Transfer between Maxus Exploration Company and McKenzie Petroleum Company effective September 1, 1989 at 7:00 A.M., C.D.T.

Mass Transfer locations and descriptions attached along with BLM approval.

OIL AND GAS	
DRN	RJF
JRB	GLH
<u>2-DIAGS</u>	SLS
<u>1-FAS</u>	
<u>3-</u>	MICROFILM
<u>4-</u>	FILE

18. I hereby certify that the foregoing is true and correct

SIGNED

Howard W. Dennis
Howard W. Dennis

TITLE

Vice President

DATE

10-17-89

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side

WELL NAME & NUMBER	LEASE & FORMATION	LOCATION	ELEVATION	API NUMBER
RAINBOW UNIT #1	U-017403 WASATCH	2310' FSL & 2410' FWL Sec. 8, T11S, R24E	5258' GR	43-047-15805
RAINBOW UNIT #2-A	U-017664 MESA VERDE	2238' FSL & 2000' FWL Sec. 19, T11S, R24E	5447' GR	43-047-15806
RAINBOW UNIT #4	U-017664A	1628' FSL & 1868' FWL Sec. 1, T11S, R23E	5567' GR	43-047-15807
ROCKHOUSE UNIT #1	U-0779 WASATCH	995' FSL & 721' FEL Sec. 10, T11S, R23E	5849' GR	43-047-15809
ROCKHOUSE UNIT #3	U-0778 MESA VERDE	1653' FSL & 1286' FEL Sec. 11, T11S, R23E	5988' GR	43-047-15810
ROCKHOUSE #4	U-0779 WASATCH	2587' FNL & 1866' FWL Sec. 9, T11S, R23E	5833' GR	43-047-15811
ROCKHOUSE #44-14	U-0799 WASATCH	522' FSL & 522' FEL Sec. 14, T11S, R23E	5773' GR	43-047-31806
ROCKHOUSE UNIT #5A	U-0799 WASATCH	380' FEL & 1972' FEL Sec. 13, T11S, R23E	5607' GR	43-047-15812
ROCKHOUSE UNIT #8	U-0780 WASATCH	1159' FEL & 1367' FNL Sec. 23, T11S, R23E	5849' GR	43-047-15815

RECEIVED

OCT 10 1989

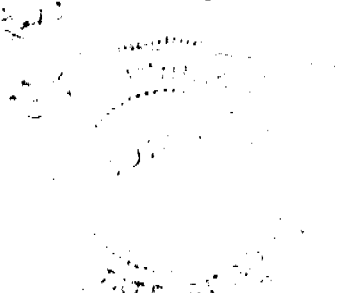
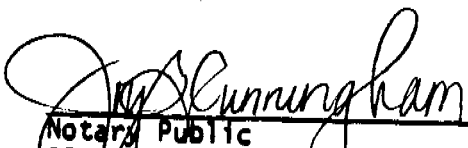
DIVISION OF
OIL, GAS & MINING

STATE OF UTAH)
) ss.
COUNTY OF SALT LAKE)

RECEIVED
OCT 16 1989

On this day of OCT 11 1989, before me appeared Robert Lopez, to me personally known, who being by me duly sworn did say that he is Chief of the Minerals Adjudication Section, Bureau of Land Management, and that the original of the foregoing instrument was signed on behalf of said Bureau, and that he acknowledged said instrument to be the free and voluntary act of said Bureau.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal the month, day, and year first above written.

Notary Public
324 South State Street, Suite 301
Salt Lake City, Utah 84111-2303

My Commission Expires: APR 28 1991

UT 3100-82a (3/80)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0034
Expires: August 31, 1989ASSIGNMENT OF RECORD TITLE INTEREST IN A
LEASE FOR OIL AND GAS OR GEOTHERMAL RESOURCESMineral Leasing Act of 1920 (30 U.S.C. 181 et seq.)
Act for Acquired Lands of 1947 (30 U.S.C. 351-359)
Geothermal Steam Act of 1970 (30 U.S.C. 1001-1025)
Department of the Interior Appropriations Act, Fiscal Year 1981 (42 U.S.C. 6508)

Lease Serial No.

Lease Effective Date
(Anniversary Date)

New Serial No.

Type or print plainly in ink and sign in ink.

PART A: ASSIGNMENT

1. Assignee* MCKENZIE PETROLEUM COMPANY
Street 1625 Broadway, Suite 2580
City, State, ZIP Code Denver, CO 80202

*If more than one assignee, check here ☐ and list the name(s) and address(es) of all additional assignees on the reverse of this form or on a separate attached sheet of paper.

This record title assignment is for: (Check one) ☒ Oil and Gas Lease, or ☐ Geothermal Lease

Interest conveyed: (Check one or both, as appropriate) ☒ Record Title, ☐ Overriding Royalty, payment out of production or other similar interests or payments

2. This assignment conveys the following interest:

Land Description Additional space on reverse, if needed. Do not submit documents or agreements other than this form; such documents or agreements shall only be referenced herein.	Percent of Interest			Percent of Overriding Royalty or Similar Interests	
	Owned	Conveyed	Retained	Reserved	Previously reserved or conveyed
a	b	c	d	e	f
SEE EXHIBIT "A" ATTACHED HERETO FOR DESCRIPTIONS OF THE LEASES, LANDS AND INTERESTS BEING CONVEYED.					

FOR BLM USE ONLY—DO NOT WRITE BELOW THIS LINE

UNITED STATES OF AMERICA

This assignment is approved solely for administrative purposes. Approval does not warrant that either party to this assignment holds legal or equitable title to this lease.

☒ Assignment approved for above described lands;

☐ Assignment approved for attached land description

Assignment approved effective OCT 1 1989

☐ Assignment approved for land description indicated on reverse of this form.

By

(Authorized Officer)

Chief, Minerals
Adjudication Section

(Title)

OCT 1 1 1989

(Date)

PART C: GENERAL INSTRUCTIONS

1. Assignor/Assignee(s) must complete Parts A and B and Part C. All parties to assignment must sign as follows: The assignor(s) must manually sign 3 original copies and the assignee(s) must manually sign at least 1 of the 3 original copies. File three (3) completed copies of this form in the proper BLM office for each assignment of record title. For a transfer of overriding royalty interest, payment out of production or other similar interest or payment, file one (1) manually signed copy of this form. The required filing fee (nonrefundable) must accompany the assignment. File assignment within ninety (90) days after date of execution of assignor.
2. Separate form must be used for each lease being affected by this assignment and for each type of interest conveyed.
3. In Item No. 2 of Part A, describe lands affected (See 43 CFR 3106, 3135, or 3241). For columns b, c, d, and e, enter the interest expressed as a percentage of total interest in the lease; e.g., if assignor assigns one quarter of a 20% interest, enter 20% in column b, 5% in column c, and 15% in column d.
4. If assignment is to more than one assignee, enter each assignee's name across columns d, e, and f next to the respective interest being conveyed. Also list names and addresses of any additional assignee(s) on reverse of this form or on a separate attached sheet of paper.

5. If any payment out of production or similar interests, arrangements or payments have previously been created out of the interest being assigned, or if any such payments or interests are reserved under this assignment, include a statement giving full details as to amount, method of payment, and other pertinent terms as provided under 43 CFR 3106, 3135, or 3241.
6. The lease account must be in good standing before this assignment can be approved as provided under 43 CFR 3106 and 3241.
7. Assignment, if approved, takes effect on the first day of the month following the date of filing in the proper BLM office. If a bond is necessary, it must be furnished prior to approval of the assignment.
8. Approval of assignment of record title to 100% of a portion of the leased lands creates separate leases of the retained and the assigned portions, but does not change the terms and conditions of the lease anniversary date for purposes of payment of annual rental.
9. Overriding royalty, payment out of production or other similar types of transfers must be filed with BLM, but will be accepted for record purposes only. No official approval will be given.

EXHIBIT "A"

To Assignment of Record Title Interest from
MAXUS EXPLORATION COMPANY, Assignor, to
MCKENZIE PETROLEUM COMPANY, Assignee

<u>Lease Serial No.</u>	<u>Effective Date</u>	<u>Land Description</u>	<u>Percent of Interest</u>			<u>Overriding Royalty</u>	
			<u>Owned</u>	<u>Conveyed</u>	<u>Retained</u>	<u>Reserved</u>	<u>Previously Reserved</u>
✓ U-036414	9-1-59	<u>Township 11 South, Range 24 East</u> Section 8: Lot 9 7.12 acres, M/L	100%	100%	-0-	-0-	10%
✓ U-062420	3-1-51	<u>Township 11 South, Range 23 East</u> Section 12: S/2 NW, NWNW 120.00 acres, M/L	62.5%	62.5%	-0-	-0-	3%
✓ U-070535-E	1-1-51	<u>Township 11 South, Range 24 East</u> Section 8: Lots 8 and 10 62.63 acres, M/L	100%	100%	-0-	-0-	10%
✓ U-070536-B	2-1-51	<u>Township 11 South, Range 23 East</u> Section 1: Lot 9, SWNE 71.93 acres, M/L	100%	100%	-0-	-0-	9%

All in Uintah County, Utah

exhibitA.doc

PAPERWORK REDUCTION ACT STATEMENT

1. This information is being collected pursuant to the law.
2. This information will be used to create and maintain a record of oil and gas/geothermal lease activity.
3. Response to this request is required to obtain benefit.

NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this oil and gas/geothermal lease record title assignment application.

AUTHORITY: 30 U.S.C. 181 et seq; 30 U.S.C. 1001-1025; 42 U.S.C. 6508

PRINCIPAL PURPOSE—The information is to be used to process record title assignments for oil and gas/geothermal resources leases.

ROUTINE USE

- (1) The adjudication of the assignee's rights to the land or resources.
- (2) Documentation for public information in support of notations made on land status records for the management, disposal, and use of public lands and resources.
- (3) Transfer to appropriate Federal agencies when concurrence is required prior to granting a right in public lands or resources.
- (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION—If all requested information is not provided, the assignment may not be approved. See regulations at 43 CFR Groups 3100 and 3200.

Tear

Tear

Tear

Part A (Continued): ADDITIONAL SPACE for Names and addresses of additional assignees in Item No. 1, if needed, or for Land Description in Item No. 2, if needed.

This Assignment of Record Title Interest is expressly made subject to all of the terms and provisions of that certain Purchase and Sale Agreement dated August 20, 1989 between Assignor and Assignee.

As between Assignor and Assignee, this Assignment of Record Title Interest shall be effective September 1, 1989 at 7:00 a.m., C.D.T.

PART B: CERTIFICATION AND REQUEST FOR APPROVAL

1. The assignor certifies as owner of an interest in the above designated lease that he/she hereby assigns to the above assignee(s) the rights specified above.
2. Assignee certifies as follows: (a) Assignee is a citizen of the United States; an association of such citizens; a municipality; or a corporation organized under the laws of the United States or of any State or territory thereof. For the assignment of NPR-A leases, assignee is a citizen, national, or resident alien of the United States or association of such citizens, nationals, resident aliens or private, public or municipal corporations; (b) Assignee is not considered a minor under the laws of the State in which the lands covered by this assignment are located; (c) Assignee's chargeable interests, direct and indirect, in either public domain or acquired lands, do not exceed 200,000 acres in oil and gas options or 246,080 in oil and gas leases in the same State, or 300,000 acres in leases and 200,000 acres in options in each leasing District in Alaska, if this is an oil and gas lease issued in accordance with the Mineral Leasing Act of 1920 or 51,200 acres in any one State if this is a geothermal lease; (d) All parties holding an interest in the assignment are otherwise in compliance with the regulations (43 CFR Group 3100 or 3200) and the authorizing Acts; (e) Assignee is in compliance with reclamation requirements for all Federal oil and gas lease holdings as required by sec. 17(g) of the Mineral Leasing Act; and (f) Assignee is not in violation of sec. 41 of the Mineral Leasing Act.
3. Assignee's signature to this assignment constitutes acceptance of all applicable terms, conditions, stipulations and restrictions pertaining to the lease described herein.

For geothermal assignments, an overriding royalty may not be less than one-fourth (1/4) of one percent of the value of output, nor greater than 50 percent of the rate of royalty due to the United States when this assignment is added to all previously created overriding royalties (43 CFR 3241).

I certify that the statements made herein by me are true, complete, and correct to the best of my knowledge and belief and are made in good faith.

Executed this 15 day of September, 1989

Executed this 20th day of September, 1989

Name of Assignor as shown on current lease MAXUS EXPLORATION COMPANY
Please type or print

MCKENZIE PETROLEUM COMPANY

Assignor
or
Attorney-in-fact (Signature)

Assignee
or
Attorney-in-fact (Signature)

Austin Murr (Signature) Attorney-in-Fact

Howard W. Dennis (Signature)
McBresen (Signature)

P. O. Box 400
(Assignor's Address)

Amarillo Texas 79188
(City) (State) (Zip Code)

Title 18 U.S.C. Sec. 1001 makes it a crime for any person knowingly and willfully to make to any Department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

EXHIBIT "A"

To Assignment of Record Title Interest from
 MAXUS EXPLORATION COMPANY, Assignor, to
 MCKENZIE PETROLEUM COMPANY, Assignee

<u>Lease Serial No.</u>	<u>Effective Date</u>	<u>Land Description</u>	<u>Percent of Interest</u>			<u>Overriding Royalty</u>	
			<u>Owned</u>	<u>Conveyed</u>	<u>Retained</u>	<u>Reserved</u>	<u>Previously Reserved</u>
U-0326	3-1-51	<u>Township 11 South, Range 24 East</u> Section 17: Lots 1, 2, S/2 NW Section 18: E/2 NE 199.69 acres, M/L	100%	100%	-0-	-0-	10%
U-0529	4-1-51	<u>Township 11 South, Range 24 East</u> Section 18: Lots 1-4, E/2 W/2, W/2 NE, SE Section 19: NE 699.56 acres, M/L	100%	100%	-0-	-0-	unknown
✓ U-0778	3-1-51	<u>Township 11 South, Range 23 East</u> Section 4: All Section 11: All Section 12: W/2 SW 1,428.36 acres, M/L	62.5%	62.5%	-0-	-0-	3%

EXHIBIT "A"

To Assignment of Record Title Interest from
 MAXUS EXPLORATION COMPANY, Assignor, to
 MCKENZIE PETROLEUM COMPANY, Assignee

<u>Lease Serial No.</u>	<u>Effective Date</u>	<u>Land Description</u>	<u>Percent of Interest</u>			<u>Overriding Royalty</u>	
			<u>Owned</u>	<u>Conveyed</u>	<u>Retained</u>	<u>Reserved</u>	<u>Previously Reserved</u>
✓ U-0779	3-1-51	<u>Township 11 South, Range 23 East</u> Section 9: All Section 10: All Section 13: Lots 2-4, SWNE, W/2 SE, SW, S/2 NW, NWNW Section 14: All 2,442.09 acres, M/L	62.5%	62.5%	-0-	-0-	3%
✓ U-0780	3-1-51	<u>Township 11 South, Range 23 East</u> Section 15: E/2 E/2, NWNE, NW, NWSW Section 23: NE, E/2 NW, NESW, N/2 SE Section 24: N/2 1,080.00 acres, M/L	62.5%	62.5%	-0-	-0-	3%
U-016788	12-1-55	<u>Township 11 South, Range 23 East</u> Section 21: SE 160.00 acres, M/L	100%	100%	-0-	-0-	5%

EXHIBIT "A"

To Assignment of Record Title Interest from
 MAXUS EXPLORATION COMPANY, Assignor, to
 MCKENZIE PETROLEUM COMPANY, Assignee

<u>Lease Serial No.</u>	<u>Effective Date</u>	<u>Land Description</u>	<u>Percent of Interest</u>			<u>Overriding Royalty</u>	
			<u>Owned</u>	<u>Conveyed</u>	<u>Retained</u>	<u>Reserved</u>	<u>Previously Reserved</u>
✓ U-017403	3-1-56	<u>Township 11 South, Range 24 East</u> Section 7: Lots 5, 10, 11 Section 8: Lots 1-7, NENE, N/2 SW, W/2 SE, SESE, SWNW 635.48 acres, M/L	100%	100%	-0-	-0-	10%
✓ U-017664-A	4-1-56	<u>Township 11 South, Range 23 East</u> Section 1: Lots 10-17, S/2 NW, N/2 SE, SESE Section 12: Lots 1-4, SWNE, NENW 558.39 acres, M/L	100%	100%	-0-	-0-	10%
U-018859	8-1-56	<u>Township 11 South, Range 24 East</u> Section 19: Lots 1-4, E/2 W/2, SE 460.08 acres, M/L	100%	100%	-0-	-0-	10%

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)		5. LEASE DESIGNATION & SERIAL NO.	
		6. IF INDIAN ALLOTTEE OR TRIBE NAME	
1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Change Of Operator - Mass Transfer		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR		8. FARM OR LEASE NAME	
McKenzie Petroleum Company			
3. ADDRESS OF OPERATOR		9. WELL NO.	
1625 Broadway, Suite 2580, Denver, CO. 80202			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)		10. FIELD AND POOL OR WILDCAT	
At surface			
At proposed prod. zone		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	
See Attachments			
14. API NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY	13. STATE
		Uintah	Utah

18. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	(Other) <u>Change of Operator</u>	
(Other)		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
APPROX. DATE WORK WILL START <u>8-20-89</u>		DATE OF COMPLETION <u>9-1-89</u>	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

* Must be accompanied by a cement verification report.

Please Note: Change Of Operator via Mass Transfer between Maxus Exploration Company and McKenzie Petroleum Company effective September 1, 1989 at 7:00 A.M., C.D.T.

Mass Transfer locations and descriptions attached along with BLM approval.

18. I hereby certify that the foregoing is true and correct

SIGNED Howard W. Dennis TITLE Vice President DATE 10-17-89
 (This space for Federal or State office use)



APPROVED BY _____ TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH)
)ss.
COUNTY OF SALT LAKE)

RECEIVED
OCT 16 1989

On this day of OCT 11 1989, before me appeared Robert Lopez, to me personally known, who being by me duly sworn did say that he is Chief of the Minerals Adjudication Section, Bureau of Land Management, and that the original of the foregoing instrument was signed on behalf of said Bureau, and that he acknowledged said instrument to be the free and voluntary act of said Bureau.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal the month, day, and year first above written.

Notary Public
324 South State Street, Suite 301
Salt Lake City, Utah 84111-2303

My Commission Expires: APR 28 1991

UT 3100-82a (3/80)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0034
Expires: August 31, 1989ASSIGNMENT OF RECORD TITLE INTEREST IN A
LEASE FOR OIL AND GAS OR GEOTHERMAL RESOURCESMineral Leasing Act of 1920 (30 U.S.C. 181 et seq.)
Act for Acquired Lands of 1947 (30 U.S.C. 351-359)
Geothermal Steam Act of 1970 (30 U.S.C. 1001-1025)
Department of the Interior Appropriations Act, Fiscal Year 1981 (42 U.S.C. 6508)

Lease Serial No.

Lease Effective Date
(Anniversary Date)

New Serial No.

Type or print plainly in ink and sign in ink.

PART A: ASSIGNMENT

1. Assignee* MCKENZIE PETROLEUM COMPANY
-
- Street 1625 Broadway, Suite 2580
-
- City, State, ZIP Code Denver, CO 80202

*If more than one assignee, check here ☐ and list the name(s) and address(es) of all additional assignees on the reverse of this form or on a separate attached sheet of paper.This record title assignment is for: (Check one) ☒ Oil and Gas Lease, or ☐ Geothermal LeaseInterest conveyed: (Check one or both, as appropriate) ☒ Record Title, ☐ Overriding Royalty, payment out of production or other similar interests or payments

2. This assignment conveys the following interest:

Land Description Additional space on reverse, if needed. Do not submit documents or agreements other than this form; such documents or agreements shall only be referenced herein.	Percent of Interest			Percent of Overriding Royalty or Similar Interests	
	Owned	Conveyed	Retained	Reserved	Previously reserved or conveyed
a	b	c	d	e	f
SEE EXHIBIT "A" ATTACHED HERETO FOR DESCRIPTIONS OF THE LEASES, LANDS AND INTERESTS BEING CONVEYED.					

FOR BLM USE ONLY—DO NOT WRITE BELOW THIS LINE

UNITED STATES OF AMERICA

This assignment is approved solely for administrative purposes. Approval does not warrant that either party to this assignment holds legal or equitable title to this lease.

☒ Assignment approved for above described lands;☐ Assignment approved for attached land descriptionAssignment approved effective OCT 1 1989☐ Assignment approved for land description indicated on reverse of this form.

By

Chief, Minerals
Adjudication SectionOCT 11 1989

(Title)

(Date)

Tear

PART C: GENERAL INSTRUCTIONS

Tear

- Assignor/Assignee(s) must complete Parts A1 and A2 and Part B. All parties to assignment must sign as follows: The assignor(s) must manually sign 3 original copies and the assignee(s) must manually sign at least 1 of the 3 original copies. File three (3) completed copies of this form in the proper BLM office for each assignment of record title. For a transfer of overriding royalty interest, payment out of production or other similar interest or payment, file one (1) manually signed copy of this form. The required filing fee (nonrefundable) must accompany the assignment. File assignment within ninety (90) days after date of execution of assignor.
- Separate form must be used for each lease being affected by this assignment and for each type of interest conveyed.
- In Item No. 2 of Part A, describe lands affected (See 43 CFR 3106, 3135, or 3241). For columns b, c, d, and e, enter the interest expressed as a percentage of total interest in the lease; e.g., if assignor assigns one quarter of a 20% interest, enter 20% in column b, 5% in column c, and 15% in column d.
- If assignment is to more than one assignee, enter each assignee's name across columns d, e, and f next to the respective interest being conveyed. Also list names and addresses of any additional assignee(s) on reverse of this form or on a separate attached sheet of paper.

- If any payment of production or similar interests, arrangements or payments have previously been created out of the interest being assigned, or if any such payments or interests are reserved under this assignment, include a statement giving full details as to amount, method of payment, and other pertinent terms as provided under 43 CFR 3106, 3135, or 3241.
- The lease account must be in good standing before this assignment can be approved as provided under 43 CFR 3106 and 3241.
- Assignment, if approved, takes effect on the first day of the month following the date of filing in the proper BLM office. If a bond is necessary, it must be furnished prior to approval of the assignment.
- Approval of assignment of record title to 100% of a portion of the leased lands creates separate leases of the retained and the assigned portions, but does not change the terms and conditions of the lease anniversary date for purposes of payment of annual rental.
- Overriding royalty, payment out of production or other similar types of transfers must be filed with BLM, but will be accepted for record purposes only. No official approval will be given.

PAPERWORK REDUCTION ACT STATEMENT

1. This information is being collected pursuant to the law.
2. This information will be used to create and maintain a record of oil and gas/geothermal lease activity.
3. Response to this request is required to obtain benefit.

NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this oil and gas/geothermal lease record title assignment application.

AUTHORITY: 30 U.S.C. 181 et seq; 30 U.S.C. 1001-1025; 42 U.S.C. 6508

PRINCIPAL PURPOSE—The information is to be used to process record title assignments for oil and gas/geothermal resources leases.

ROUTINE USES

- (1) The adjudication of the assignee's rights to the land or resources.
- (2) Documentation for public information in support of notations made on land status records for the management, disposal, and use of public lands and resources.
- (3) Transfer to appropriate Federal agencies when concurrence is required prior to granting a right in public lands or resources.
- (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION—If all requested information is not provided, the assignment may not be approved. See regulations at 43 CFR Groups 3100 and 3200.

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Part A (Continued): ADDITIONAL SPACE for Names and addresses of additional assignees in Item No. 1, if needed, or for Land Description in Item No. 2, if needed.

This Assignment of Record Title Interest is expressly made subject to all of the terms and provisions of that certain Purchase and Sale Agreement dated August 20, 1989 between Assignor and Assignee.

As between Assignor and Assignee, this Assignment of Record Title Interest shall be effective September 1, 1989 at 7:00 a.m., C.D.T.

PART B: CERTIFICATION AND REQUEST FOR APPROVAL

1. The assignor certifies as owner of an interest in the above designated lease that he/she hereby assigns to the above assignee(s) the rights specified above.
 2. Assignee certifies as follows: (a) Assignee is a citizen of the United States; an association of such citizens; a municipality; or a corporation organized under the laws of the United States or of any State or territory thereof. For the assignment of NPR-A leases, assignee is a citizen, national, or resident alien of the United States or association of such citizens, nationals, resident aliens or private, public or municipal corporations. (b) Assignee is not considered a minor under the laws of the State in which the lands covered by this assignment are located; (c) Assignee's chargeable interests, direct and indirect, in either public domain or acquired lands, do not exceed 200,000 acres in oil and gas options or 246,080 in oil and gas leases in the same State, or 300,000 acres in leases and 200,000 acres in options in each leasing District in Alaska, if this is an oil and gas lease issued in accordance with the Mineral Leasing Act of 1920 or 51,200 acres in any one State if this is a geothermal lease; (d) All parties holding an interest in the assignment are otherwise in compliance with the regulations (43 CFR Group 3100 or 3200) and the authorizing Acts; (e) Assignee is in compliance with reclamation requirements for all Federal oil and gas lease holdings as required by sec. 17(g) of the Mineral Leasing Act; and (f) Assignee is not in violation of sec. 41 of the Mineral Leasing Act.
 3. Assignee's signature to this assignment constitutes acceptance of all applicable terms, conditions, stipulations and restrictions pertaining to the lease described herein.
- For geothermal assignments, an overriding royalty may not be less than one-fourth (1/4) of one percent of the value of output, nor greater than 50 percent of the rate of royalty due to the United States when this assignment is added to all previously created overriding royalties (43 CFR 3241).

I certify that the statements made herein by me are true, complete, and correct to the best of my knowledge and belief and are made in good faith.

Executed this 15 day of September, 19 89

Executed this 20th day of September, 19 89

Name of Assignor as shown on current lease MAXUS EXPLORATION COMPANY
Please type or print

McKENZIE PETROLEUM COMPANY

Assignor
or
(Signature)

Assignee
or
(Signature)

Attorney-in-fact Austin Murr (Signature)

Attorney-in-fact Vic. Presment (Signature)

P. O. Box 400
(Assignor's Address)

Amarillo Texas 79188
(City) (State) (Zip Code)

Title 18 U.S.C. Sec. 1001 makes it a crime for any person knowingly and willfully to make to any Department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

EXHIBIT "A"

To Assignment of Record Title Interest from
 MAXUS EXPLORATION COMPANY, Assignor, to
 MCKENZIE PETROLEUM COMPANY, Assignee

<u>Lease Serial No.</u>	<u>Effective Date</u>	<u>Land Description</u>	<u>Percent of Interest</u>			<u>Overriding Royalty</u>	
			<u>Owned</u>	<u>Conveyed</u>	<u>Retained</u>	<u>Reserved</u>	<u>Previously Reserved</u>
U-0326	3-1-51	<u>Township 11 South, Range 24 East</u> Section 17: Lots 1, 2, S/2 NW Section 18: E/2 NE 199.69 acres, M/L	100%	100%	-0-	-0-	10%
U-0529	4-1-51	<u>Township 11 South, Range 24 East</u> Section 18: Lots 1-4, E/2 W/2, W/2 NE, SE Section 19: NE 699.56 acres, M/L	100%	100%	-0-	-0-	unknown
✓ U-0778	3-1-51	<u>Township 11 South, Range 23 East</u> Section 4: All Section 11: All Section 12: W/2 SW 1,428.36 acres, M/L	62.5%	62.5%	-0-	-0-	3%

EXHIBIT "A"

To Assignment of Record Title Interest from
 MAXUS EXPLORATION COMPANY, Assignor, to
 MCKENZIE PETROLEUM COMPANY, Assignee

<u>Lease Serial No.</u>	<u>Effective Date</u>	<u>Land Description</u>	<u>Percent of Interest</u>			<u>Overriding Royalty</u>	
			<u>Owned</u>	<u>Conveyed</u>	<u>Retained</u>	<u>Reserved</u>	<u>Previously Reserved</u>
✓ U-0779	3-1-51	<u>Township 11 South, Range 23 East</u> Section 9: All Section 10: All Section 13: Lots 2-4, SWNE, W/2 SE, SW, S/2 NW, NWNW Section 14: All 2,442.09 acres, M/L	62.5%	62.5%	-0-	-0-	3%
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U-016788	12-1-55	<u>Township 11 South, Range 23 East</u> Section 21: SE 160.00 acres, M/L	100%	100%	-0-	-0-	5%

EXHIBIT "A"

To Assignment of Record Title Interest from
 MAXUS EXPLORATION COMPANY, Assignor, to
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<u>Lease Serial No.</u>	<u>Effective Date</u>	<u>Land Description</u>	<u>Percent of Interest</u>			<u>Overriding Royalty</u>	
			<u>Owned</u>	<u>Conveyed</u>	<u>Retained</u>	<u>Reserved</u>	<u>Previously Reserved</u>
✓ U-017403	3-1-56	<u>Township 11 South, Range 24 East</u> Section 7: Lots 5, 10, 11 Section 8: Lots 1-7, NENE, N/2 SW, W/2 SE, SESE, SWNW 635.48 acres, M/L	100%	100%	-0-	-0-	10%
✓ U-017664-A	4-1-56	<u>Township 11 South, Range 23 East</u> Section 1: Lots 10-17, S/2 NW, N/2 SE, SESE Section 12: Lots 1-4, SWNE, NENW 558.39 acres, M/L	100%	100%	-0-	-0-	10%
✓ U-018859	8-1-56	<u>Township 11 South, Range 24 East</u> Section 19: Lots 1-4, E/2 W/2, SE 460.08 acres, M/L	100%	100%	-0-	-0-	10%

RECEIVED
OCT 19 1989

DIVISION OF
OIL, GAS & MINING

Page 4 of 4

EXHIBIT "A"

To Assignment of Record Title Interest from
MAXUS EXPLORATION COMPANY, Assignor, to
McKENZIE PETROLEUM COMPANY, Assignee

<u>Lease Serial No.</u>	<u>Effective Date</u>	<u>Land Description</u>	<u>Percent of Interest</u>			<u>Overriding Royalty</u>	
			<u>Owned</u>	<u>Conveyed</u>	<u>Retained</u>	<u>Previously Reserved</u>	<u>Reserved</u>
✓ U-036414	9-1-59	<u>Township 11 South, Range 24 East</u> Section 8: Lot 9 7.12 acres, M/L	100%	100%	-0-	-0-	10%
✓ U-062420	3-1-51	<u>Township 11 South, Range 23 East</u> Section 12: S/2 NW, NWNW 120.00 acres, M/L	62.5%	62.5%	-0-	-0-	3%
✓ U-070535-E	1-1-51	<u>Township 11 South, Range 24 East</u> Section 8: Lots 8 and 10 62.63 acres, M/L	100%	100%	-0-	-0-	10%
U-070536-B	2-1-51	<u>Township 11 South, Range 23 East</u> Section 1: Lot 9, SWNE 71.93 acres, M/L	100%	100%	-0-	-0-	9%

All in Uintah County, Utah

exhibitA.doc

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS <small>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</small>		5. LEASE DESIGNATION & SERIAL NO. U-017403
1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -
2. NAME OF OPERATOR McKenzie Petroleum Co.		7. UNIT AGREEMENT NAME Rainbow Unit
3. ADDRESS OF OPERATOR 1625 Broadway, Suite 2580, Denver, Co. 80202		8. FARM OR LEASE NAME Rainbow Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2310 FSL, 2410 FWL NE $\frac{1}{4}$ SW $\frac{1}{4}$		9. WELL NO. #1
At proposed prod. zone Same		10. FIELD AND POOL, OR WILDCAT Watsatch
14. API NO. 43-047-15805		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 8-T11S-R24E
15. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 5258'		12. COUNTY Uintah
13. STATE Utah		

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) Continued Abandonment <input checked="" type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
APPROX. DATE WORK WILL START _____		DATE OF COMPLETION _____	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

* Must be accompanied by a cement verification report.

The above referenced well is still shut-in to date. When economic conditions warrant resumed production, you will be notified immediately.

1- TAS	2- MICROFILM
3- FILE	

18. I hereby certify that the foregoing is true and correct

SIGNED <u>Sam Cady</u>	TITLE <u>Technician</u>	DATE <u>12-18-89</u>
(This space for Federal or State office use)		
APPROVED BY _____	TITLE _____	DATE _____
CONDITIONS OF APPROVAL, IF ANY:		

See Instructions On Reverse Side

IRREVOCABLE STANDBY LETTER OF CREDIT 10384

MAY 12, 1989

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
3 TRIAD CENTER #350
355 W. N. TEMPLE
SALT LAKE CITY, UTAH 84180-1203

GENTLEMEN:

WE HEREBY ESTABLISH OUR IRREVOCABLE STANDBY LETTER OF CREDIT IN FAVOR OF THE DIRECTOR OF THE DIVISION OF OIL, GAS AND MINING OF THE STATE OF UTAH FOR THE ACCOUNT OF MCKENZIE PETROLEUM COMPANY, 5847 SAN FELIPE ROAD, SUITE 4300, HOUSTON, TEXAS 77057 FOR THE AGGREGATE AMOUNT OF U S DOLLARS EIGHTY THOUSAND AND NO/100) (\$80,000.00) AVAILABLE BY YOUR DRAFTS AT SIGHT ON THE DEPOSIT INSURANCE BRIDGE BANK, N.A. WHEN DRAWN IN ACCORDANCE WITH THE TERMS AND ACCOMPANIED BY THE DOCUMENTS LISTED UNDER PART C BELOW:

- A. THIS LETTER OF CREDIT IS ISSUED BECAUSE THE OPERATOR IS OR WILL BE ENGAGED IN DRILLING, REDRILLING, DEEPENING, REPAIRING, OPERATING AND PLUGGING AND ABANDONMENT A WELL OR WELLS AND RESTORING THE WELL SITE OR SITES IN THE STATE OF UTAH FOR THE PURPOSES OF OIL OR GAS PRODUCTION AND/OR THE INJECTION AND DISPOSAL OF FLUIDS IN CONNECTION THEREWITH FOR THE FOLLOWING DESCRIBED LAND OR WELL:

----- BLANKET BOND: TO COVER ALL WELLS DRILLED IN THE STATE OF UTAH:

----- INDIVIDUAL BOND: WELL NO.-----
SECTION-----TOWNSHIP-----RANGE-----
-----COUNTY, UTAH

- B. THIS LETTER OF CREDIT IS SPECIALLY ISSUED AT THE REQUEST OF THE OPERATOR AS GUARANTY THAT THIS FUND WILL BE AVAILABLE DURING THE TIME THAT THE WELLS REFERENCED ABOVE ARE ACTIVE. WE ARE NOT A PARTY TO NOR BOUND BY, THE TERMS OF ANY AGREEMENT BETWEEN YOU AND THE OPERATOR OUT OF WHICH THIS LETTER OF CREDIT MAY ARISE.

- C. DRAFTS DRAWN UNDER THIS LETTER OF CREDIT MUST BE ACCOMPANIED BY AN AFFIDAVIT FROM THE DIRECTOR OF THE DIVISION OF OIL, GAS AND MINING STATING THAT:

1. ANY WELL SUBJECT TO THE LETTER OF CREDIT IS DEEMED NECESSARY FOR PLUGGING AND ABANDONMENT AND THE OPERATOR HAS NOT FULFILLED SUCH OBLIGATION UNDER THE OIL AND GAS CONSERVATION GENERAL RULES OF THE STATE OF UTAH.
2. THE DRAFT IS IN THE ESTIMATED COST OF PLUGGING EACH WELL SUBJECT TO THE LETTER OF CREDIT UP TO THE AGGREGATE AMOUNT OF THE LETTER OF CREDIT.

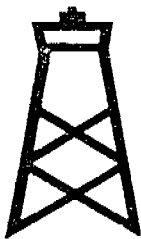
WE WILL BE ENTITLED TO RELY UPON THE STATEMENTS CONTAINED IN THE AFFIDAVIT AND WILL HAVE NO OBLIGATION TO INDEPENDENTLY VERIFY ANY STATEMENTS CONTAINED THEREIN.

DATE: 05/18/90

F E E L E A S E S B Y O P E R A T O R

PAGE: 17

ACCT NUM	COMPANY NAME	WELL NAME	TOWN SHIP	RANGE	SEC	Q-Q	STATUS	API NUMBER	PROD ZONE
N9523	LINMAR PETROLEUM COM	ELLSWORTH #2-9B4	S020	W040	9	NESW	POW	4301331138	WSTC
		CHRISTENSEN #3-4B4	S020	W040	4	SWSE	POW	4301331142	WSTC
		CHASEL-HACKFORD 2-10-A1E	S010	E010	10	SESE	POW	4304731421	GR-WS
		CHASEL-HACKFORD #2-10A1E	S010	E010	10	SESE	TA	4304731421	WSTC
		MOON 1-23Z1	N010	W010	23	NESW	POW	4304731479	WSTC
NO580	LOMAX EXPLORATION CO	NEIGHBORHOOD HOUSE #6-6	S050	W040	6	SENE	PA	4301330981	
		LITTAUER FOUNDATION #1	S050	E020	4	NWSW	LA	4304731382	
NO590	LUFF EXPLORATION COM	MCCONKIE COMM FEE #1	S060	E210	27	NWSE	PA	4304720282	UNTA
		MCCONKIE #2	S070	E210	5	NENW	PA	4304730071	
NO600	MAPCO OIL & GAS COMP	DENNIE RALPHS #1-5	S010	W030	5	SWNE	PA	4301330165	GRRV
		DENNIE RALPHS #1-5	S010	W030	5	SWNE	PA	4301330165	WSTC
		DENNIE RALPHS #1-6	S010	W030	6	SWNE	PA	4301330166	WSTC
		FISHER #1-12	S010	W040	12	NWNE	PA	4301330279	WSTC
		FISHER #1-12	S010	W040	12	NWNE	PA	4301330279	GRRV
N6950	MAPP EXPLORATION	FROST #1-18	S340	E250	18	SENE	PA	4303730761	
		REDD #2-18	S340	E250	18	NESE	PA	4303730771	
		MAPP 1-17	S340	E250	17	NWNW	PA	4303730773	
N9675	MASTER PET & DEVEL C	VANOVER FEE #2	S210	E230	24	SENE	SGW	4301931105	MRSN
		FRAZIER 15-1	S210	E230	15	SWNE	SOW	4301931189	MR-SW
		FRAZIER #15-2	S210	E230	15	SWNE	LA	4301931198	
PO294	MAYO-UTAH OIL CO	MAYO-UTAH OIL CO #1	S040	E210	22	SWNW	PA	4304720386	
NO090	MCKENZIE PETROLEUM C	THOMAS HALL FEE 1	S050	E220	23	SESW	POW	4304715591	WEBR
		THOMAS HALL FEE 2	S050	E220	23	SESW	POW	4304715592	WEBR
		THOMAS E. HALL #3	S050	E220	23	SESE	POW	4304715593	WEBR
		THOMAS E. HALL #4	S050	E220	23	SESE	POW	4304715594	WEBR
		THOMAS E. HALL #5S	S050	E220	23	SESW	POW	4304715595	ENRD
N2450	MEZO, J.D.	J.D. STATE #1	S210	E230	25	NWNE	LA	4301930245	
		VANOVER #2	S210	E230	24	SWNW	PA	4301930247	
		J.D.M. VANOVER #3	S210	E240	19	SWNW	PA	4301930400	
PO629	MICH-WISC PIPELINE C	WEBER COAL COMPANY 13-3	N020	E050	3	NWSW	PA	4304330024	
PO547	MIDWAY PETROLEUM CO	FEE #3	S410	W120	13	NWSW	PA	4305310326	
N2590	MILAGRO ENERGY RESOU	MILLER CREEK CHERITTA #2	S150	E100	22	NENW	LA	4300730064	
		CHIARETTA #3	S150	E100	22	NENE	PA	4300730077	FRSD
PO584	MILLER & TAYLOR	FEE #3	S410	W120	23	NWNE	PA	4305310730	
PO116	MINTON, JOSEPH A	SNOW-FEE #1	S190	E080	9	SENE	PA	4301510731	
		WILBERG-FEE #1	S180	E080	12	SENE	PA	4301510732	
		WILBERG FEE #1-X	S180	E080	12	SENE	PA	4301510733	
PO295	MIRACLE & WOOSTER DR	L D S #1	S040	E210	36	SESW	PA	4304710734	
N3790	MOBIL OIL CORPORATIO	GREGORY ET AL FEE #1	N030	E160	21	SWSW	PA	4304310743	
PO020	MOHAWK PETROLEUM CO	FEE #1	S410	W120	23	NWNW	PA	4305320474	
NO660	MONCRIEF OIL	ROWLEY #2-1	S040	W060	2	SENE	PA	4301330467	WSTC
		PENDER #8-1	S040	W060	8	NENE	PA	4301330471	WSTC
PO601	MONTGOMERY & JEFFRIE	FEE #1	S430	W120	0		PA	4305320518	
PO400	MOORE, JOHN W	HANSON FEE #1	S210	E230	24	SENE	PA	4301920287	
		VANOVER FEE #1	S210	E230	24	SENE	PA	4301930012	
NO680	MOUNTAIN FUEL SUPPLY	SUNNYSIDE UNIT #1	S150	E130	17	NWSE	PA	4300730012	
		HUNTINGTON CANYON FEE #1	S170	E080	8	SENE	PA	4301530002	



McKenzie Production Company

July 10, 1990

RECEIVED
JUL 16 1990

State of Utah
Department of Natural Resources
Oil & Gas Mining
355 W. N. Temple, Ste. 350
Salt Lake City, Utah 84180

DIVISION OF
OIL, GAS & MINING

RE: Operator Name Change

Gentlemen:

Enclosed are Sundry Notices for operator name change and address change. This name change is a change in name only and not an actual change of operator. Changes in our personnel have resulted in moving the production/regulatory from our office in Denver to the "home office" located in Houston.

All future correspondence should be forwarded to the Houston Office located at the following address:

7880 San Felipe Rd., Suite 100
Houston, Texas 77063

If you have any questions or need any additional information concerning this change, please do not hesitate to call our Houston Office at area code 713/783 4300. Thank you for your cooperation and assistance with this change.

Sincerely,

Brenda

Brenda Mabry

:BJM

Encl.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

RECEIVED
JUL 16 1990

5. LEASE DESIGNATION AND SERIAL NO.
U-017403

SUNDRY NOTICES AND REPORTS ON WELLS DIVISION OF

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR McKenzie Production Company		7. UNIT AGREEMENT NAME Rainbow Unit
3. ADDRESS OF OPERATOR 7880 San Felipe Rd., Suite 100, Houston, Texas 77063		8. FARM OR LEASE NAME Rainbow Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2310' FSL, 2410' FWL NE 1/4, SW 1/4		9. WELL NO. No. 1
14. API NUMBER 43 047 15805		10. FIELD AND POOL, OR WILDCAT Mesaverde
15. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 5258'		11. SEC., T., R., M., OR B.L. AND SURVEY OR AREA Sec 8 T 11S R24E
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) Change operator name & Address x

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

EFFECTIVE 6/1/90

Change of Operator Name From McKenzie Petroleum Company to
McKenzie Production Company.

Change Address from 1625 Broadway, Suite 2580, Denver, Colo 80202 to
7880 San Felipe Rd., Suite 100, Houston, Texas 77063

18. I hereby certify that the foregoing is true and correct

SIGNED

Brenda MARRY
BRENDA MARRY

TITLE Engineering Assistant

DATE 7/2/90

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-	ILCR	<i>Yes</i>
2-	DTG	<i>Yes</i>
3-	VLC	<i>Yes</i>
4-	RJF	<i>Yes</i>
5-	RWM	<i>Yes</i>
6-	LCR	<i>Yes</i>

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

☐ Change of Operator (well sold)

☐ Designation of Agent

☐ Designation of Operator

☒ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 6-1-90)

TO (new operator) MCKENZIE PRODUCTION COMPANY
 (address) 7880 SAN FELIPE RD, #100
HOUSTON, TX 77063

phone (713) 783-4300

account no. N0095

FROM (former operator) MCKENZIE PETROLEUM COMPANY
 (address) 7880 SAN FELIPE RD, #100
HOUSTON, TX 77063

phone (713) 783-4300

account no. N0090

Well(s) (attach additional page if needed):

Name: <u>THOMAS E. HALL #3 WEBB</u>	API: <u>4304715593</u>	Entity: <u>00615</u>	Sec <u>23</u> Twp <u>5S</u> Rng <u>22E</u>	Lease Type: <u>FEE</u>
Name: <u>THOMAS E. HALL #4 WEBB</u>	API: <u>4304715594</u>	Entity: <u>00615</u>	Sec <u>23</u> Twp <u>5S</u> Rng <u>22E</u>	Lease Type: <u>FEE</u>
Name: <u>THOMAS HALL FEE 1 WEBB</u>	API: <u>4304715591</u>	Entity: <u>00620</u>	Sec <u>23</u> Twp <u>5S</u> Rng <u>22E</u>	Lease Type: <u>FEE</u>
Name: <u>THOMAS HALL FEE 2 WEBB</u>	API: <u>4304715592</u>	Entity: <u>00620</u>	Sec <u>23</u> Twp <u>5S</u> Rng <u>22E</u>	Lease Type: <u>FEE</u>
Name: <u>THOMAS E. HALL #5S ENRD</u>	API: <u>4304715595</u>	Entity: <u>00620</u>	Sec <u>23</u> Twp <u>5S</u> Rng <u>22E</u>	Lease Type: <u>FEE</u>
Name: <u>RAINBOW UNIT 2A GARY</u>	API: <u>4304715806</u>	Entity: <u>01350</u>	Sec <u>18</u> Twp <u>11S</u> Rng <u>24E</u>	Lease Type: <u>U-0529</u>
Name: <u>RAINBOW UNIT #4 WSTC</u>	API: <u>4304715807</u>	Entity: <u>01355</u>	Sec <u>1</u> Twp <u>11S</u> Rng <u>23E</u>	Lease Type: <u>U-017664</u>

CONTINUED--

OPERATOR CHANGE DOCUMENTATION

- Yes* 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- N/A* 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (*Name change only*)
- N/A* 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: ____.
- Yes* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- Yes* 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above.
- Yes* 6. Cardex file has been updated for each well listed above.
- Yes* 7. Well file labels have been updated for each well listed above.
- Yes* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
- Yes* 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) NO (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

* See Comments below (will put copy in suspense & follow-up)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) NO. Today's date July 25, 1990. If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

FILED

1. All attachments to this form have been microfilmed. Date: August 7 1990.

FILED

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

7-23-90 Btm/Bear - Paperwork should go through State office first, then to them. Will call! (Have not received as of yet)

7-23-90 McKenzie Prod. Co. / Brenda Mehry will send IATOC "Rider" adding McKenzie Prod. Co. to original bond. (They are operating under both names)

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-
2-
3-
4-
5-
6-

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

☐ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☒ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 6-1-90)

TO (new operator)	<u>MCKENZIE PRODUCTION COMPANY</u>	FROM (former operator)	<u>MCKENZIE PETROLEUM COMPANY</u>
(address)	<u>CONTINUED--</u>	(address)	<u></u>
	<u></u>		<u></u>
phone ()	<u></u>	phone ()	<u></u>
account no. <u>N</u>		account no. <u>N</u>	

Well(s) (attach additional page if needed):

Name: <u>RAINBOW UNIT #1</u> <u>GRV</u> API: <u>4304715805</u>	Entity: <u>02010</u>	Sec <u>8</u> Twp <u>11S</u> Rng <u>24E</u>	Lease Type: <u>U-01740</u>
Name: <u>ROCKHOUSE UNIT #3</u> <u>MVRD</u> API: <u>4304715810</u>	Entity: <u>10876</u>	Sec <u>11</u> Twp <u>11S</u> Rng <u>23E</u>	Lease Type: <u>U-0778</u>
Name: <u></u> API: <u>"WSTC" PA</u>	Entity: <u>02025</u>	Sec <u></u> Twp <u></u> Rng <u></u>	Lease Type: <u>"</u>
Name: <u>ROCKHOUSE UNIT #4</u> <u>WSTC</u> API: <u>4304715811</u>	Entity: <u>02025</u>	Sec <u>9</u> Twp <u>11S</u> Rng <u>23E</u>	Lease Type: <u>U-0779</u>
Name: <u>ROCKHOUSE UNIT #44-14</u> <u>WSTC</u> API: <u>4304731806</u>	Entity: <u>02025</u>	Sec <u>14</u> Twp <u>11S</u> Rng <u>23E</u>	Lease Type: <u>U-0779</u>
Name: <u>ROCKHOUSE UNIT #1</u> <u>MVRD</u> API: <u>4304715809</u>	Entity: <u>10876</u>	Sec <u>10</u> Twp <u>11S</u> Rng <u>23E</u>	Lease Type: <u>U-0779</u>
Name: <u>ROCKHOUSE UNIT #5-A</u> <u>WSTC</u> API: <u>4304715812</u>	Entity: <u>02025</u>	Sec <u>13</u> Twp <u>11S</u> Rng <u>23E</u>	Lease Type: <u>U-0779</u>

CONTINUED--

OPERATOR CHANGE DOCUMENTATION

1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) If yes, show company file number: .
4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above.
6. Cardex file has been updated for each well listed above.
7. Well file labels have been updated for each well listed above.
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
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Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-
2-
3-
4-
5-
6-

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

☐ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☒ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 6-1-90)

TO (new operator)	<u>MCKENZIE PRODUCTION COMPANY</u>	FROM (former operator)	<u>MCKENZIE PETROLEUM COMPANY</u>
(address)	<u>CONTINUED--</u>	(address)	
phone ()		phone ()	
account no. <u>N</u>		account no. <u>N</u>	

Well(s) (attach additional page if needed):

Name: <u>ROCKHOUSE UNIT #8 WSTC</u>	API: <u>4304715815</u>	Entity: <u>02025</u>	Sec <u>23</u> Twp <u>11S</u> Rng <u>23E</u>	Lease Type: <u>U-0780</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

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3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: _____.
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STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

Page 1 of 2

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

CHRISTINE SEVERNS
MCKENZIE PRODUCTION CO
7880 SAN FELIPE #100
HOUSTON TX 77063

UTAH ACCOUNT NUMBER: N0095REPORT PERIOD (MONTH/YEAR): 8 / 94AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
THOMAS E. HALL #3								
4304715593	00615	05S 22E 23	WEBR		- FEE	4208'		
THOMAS E. HALL #4								
4304715594	00615	05S 22E 23	WEBR		- FEE	4200'		
THOMAS HALL FEE 1								
4304715591	00620	05S 22E 23	WEBR		- FEE	4122'		
THOMAS HALL FEE 2								
4304715592	00620	05S 22E 23	WEBR		- FEE	4170'		
THOMAS E. HALL #5S								
4304715595	00620	05S 22E 23	ENRD		- FEE	2055'		
RAINBOW UNIT 2A								
4304715806	01350	11S 24E 18	WSTC		- 40529	(Rainbow Unit)		
RAINBOW UNIT #4								
4304715807	01355	11S 23E 1	WSTC		- 401766	"		
RAINBOW UNIT 1								
4304715805	02010	11S 24E 8	WSTC		- 4017403	"		
ROCKHOUSE UNIT 3								
4304715810	02025	11S 23E 11	WSTC		- 40778	(RockHouse Unit)		
ROCKHOUSE UNIT 4								
4304715811	02025	11S 23E 9	WSTC		- 40779	"		
ROCKHOUSE UNIT #5A								
4304715812	02025	11S 23E 13	WSTC		- "	"		
ROCKHOUSE UNIT #8								
4304715815	02025	11S 23E 23	WSTC		- 40780	"		
ROCK HOUSE UNIT #44-14								
4304731806	02025	11S 23E 14	WSTC		- 40779	"		
TOTALS								

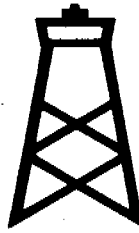
COMMENTS: _____

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

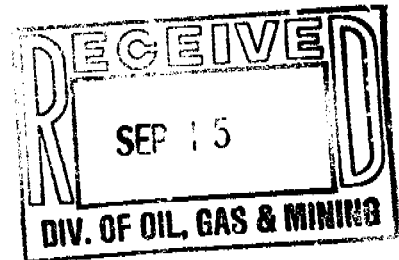
Telephone Number: _____



The McKenzie Companies

September 14, 1994

UTAH DEPARTMENT OF NATURAL RESOURCES
Division of Oil, Gas and Mining
355 W. No. Temple
3 Trian Center, Suite 350
Salt Lake City, UT 84180



RE: Change of Operator for Rainbow and Rockhouse Units
Unitah County, Utah

Gentlemen:

This letter is being written to advise you that we have sold our interest in the captioned units and have designated the new owner, UNITED UTILITIES CORPORATION as Operator. We and UNITED UTILITIES CORPORATION have filed the appropriate forms with the Bureau of Land Management and the State of Utah. UNITED UTILITIES CORPORATION has a Letter of Credit in place to meet the requirement of a bond.

For your records, please be advised that our new address is:

7500 San Felipe Suite 400
Houston, Texas 77063
Phone (713) 780-9311
Fax (713) 780-9322

Sincerely,

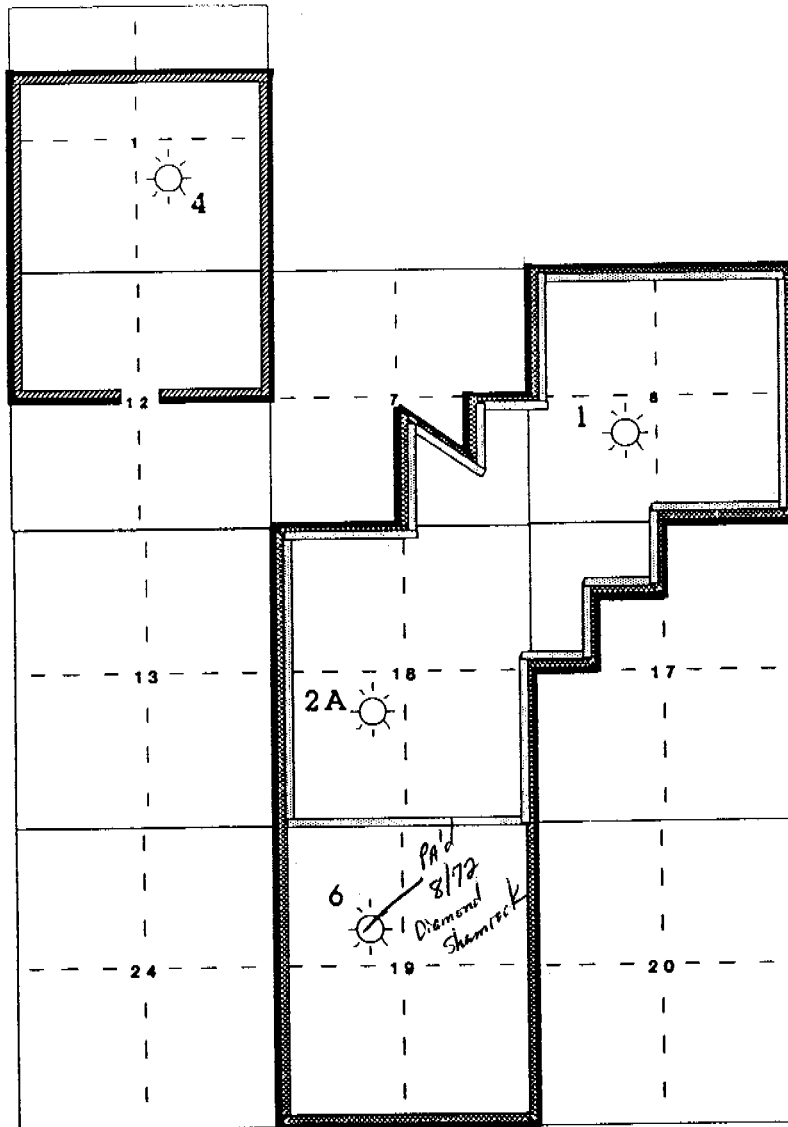
9/16/94 Address Updated. Lee

McKENZIE PETROLEUM COMPANY and/or
McKENZIE PRODUCTION COMPANY

BY

RAINBOW UNIT

Uintah County, Utah



11S

23E

24E

- UNIT OUTLINE (UTU63035X)
- WASATCH PA
- WASATCH PA "B"
- MESAVERDE PA

AS CONTRACTED, DECEMBER 2, 1966

2,936.98 ACRES

WASATCH PA ALLOCATION

FEDERAL 97.1312%
FEE 2.8688%
2,135.73 Acres

WASATCH PA "B" ALLOCATION

FEDERAL 93.6448%
FEE 6.3552%
801.24 Acres

MESAVERDE PA ALLOCATION

FEDERAL 95.3037%
FEE 4.6963%
1,515.66 Acres

Authorized Officer
Bureau of Land Management

Re: RAINBOW Unit
UINTAH County, UTAH

Gentlemen:

Enclosed for your consideration and approval, are four (4) copies of Resignation of Unit Operator and Designation of Successor Operator for the RAINBOW Unit Area. The enclosed instrument has been executed by more than the required percentage of working interest owners pursuant to the RAINBOW Unit and Unit Operating Agreements. All operations within the RAINBOW Unit Agreement will be covered by bond no. Letter of Credit.

Sincerely,
McKENZIE PETROLEUM CO. and/or
McKENZIE PRODUCTION CO.

BY: 

Enclosures

Authorized Officer
Bureau of Land Management

Re: RAINBOW Unit
Uintah County, UTAH

Gentlemen:

Enclosed for your consideration and approval, are four (4) copies of Resignation of Unit Operator and Designation of Successor Operator for the RAINBOW Unit Area.

UNITED UTILITIES CORP., as the designated successor operator under the RAINBOW Unit Agreement, hereby certifies that the requisite approvals of the current working interest owners in the agreement have been obtained to satisfy the requirements for selection of a successor operator as set forth under the terms and provisions of the agreement. All operations within the RAINBOW Unit Agreement will be covered by bond no. Letter of Credit.

Sincerely,

UNITED UTILITIES CORP.

BY: 

Enclosures

RESIGNATION OF UNIT OPERATOR

RAINBOW Unit Area

County of UINTAH

State of UTAH

Unit Agreement No. 14-08-001-7735

Under and pursuant to the provisions of Section 5 of the Unit Agreement for the Development and Operation of the RAINBOW Unit Area, UINTAH County, UTAH

McKENZIE PETROLEUM CO. and/or
McKENZIE PRODUCTION CO. the designated Unit Operator under said Unit Agreement, does hereby resign as Unit Operator, effective upon the selection and approval of a successor Unit Operator.

EXECUTED with effect as aforesaid the 14th day of September, 1994.

ATTEST:

McKENZIE PETROLEUM CO. and/or
McKENZIE PRODUCTION CO.

BY: 

DESIGNATION OF
SUCCESSOR UNIT OPERATOR

RAINBOW Unit Area

County of UINTAH

State of UTAH

Unit Agreement No. 14-08-001-7735

THIS INDENTURE, dated as of the 14th day of September, 1994, by and between UNITED UTILITIES CORP., hereinafter designated as "First Party," and the owners of unitized working interests, hereinafter designated as "Second Parties,"

WITNESSETH:

WHEREAS, under the provisions of the Act of February 25, 1920, 41 Stat. 437, 30 U.S.C. Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, the Secretary of the Interior, on the 14th day of September 1994 approved a Unit Agreement for the RAINBOW Unit Area, wherein UNITED UTILITIES CORP. is designated as Unit Operator, and

WHEREAS said, McKENZIE PETROLEUM CO. and/or
McKENZIE PRODUCTION CO. has resigned as such Operator and the designation of a successor Unit Operator is now required pursuant to the terms thereon; and

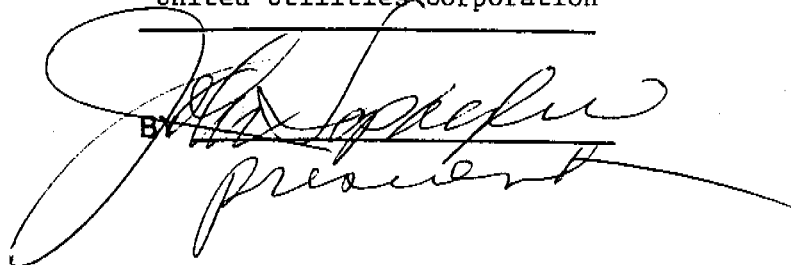
WHEREAS the First Party has been and hereby is designated by Second Parties as Unit Operator, and said First Party desires to assume all the rights, duties and obligations of Unit Operator under the said Unit Agreement:

NOW, THEREFORE, in consideration of the premises hereinbefore set forth and the promises hereinafter stated, the First party hereby covenants and agrees to fulfill the duties and assume the obligations of Unit Operator under and pursuant to all the terms of the RAINBOW Unit Agreement, and the Second Parties covenant and agree that, effective upon approval of this indenture by the Chief, Branch of Fluid Minerals, Bureau of Land Management, First Party shall be granted the exclusive right and privilege of exercising any and all rights and privileges as Unit Operator, pursuant to the terms and conditions of said Unit Agreement; said Unit Agreement being hereby incorporated herein by reference and made a part hereof as fully and effectively as though said Unit Agreement were expressly set forth in this instrument.

IN WITNESS WHEREOF, the parties hereto have executed this instrument as of the date hereinabove set forth.

FIRST PARTY

United Utilities Corporation

BY 
President

SECOND PARTIES

McKENZIE PETROLEUM CO. and/or
McKENZIE PRODUCTION CO.

BY 

Execution Date: September 14, 1994

BY _____

Execution Date: _____

BY _____

Execution Date: _____

BY _____

Execution Date: _____

BY _____

Execution Date: _____

CORPORATE ACKNOWLEDGEMENT

STATE OF TEXAS)
) SS.
COUNTY OF Harris)

The foregoing instrument was acknowledged before me this 14 day of September, 1994, by Michael McKenzie, President, and by _____, Secretary of McKENZIE PETROLEUM CO., and/or McKENZIE PRODUCTION CO., a corporation.

WITNESS my hand and official seal.

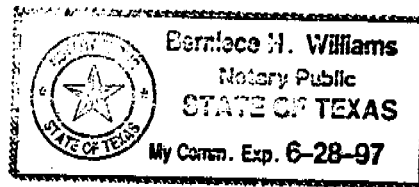
My Commission Expires:

6-28-97

Bernice H. Williams
Notary Public

Place of Residence:

Houston, Harris County, Texas



CORPORATE ACKNOWLEDGEMENT

STATE OF TEXAS)
) SS.
COUNTY OF Harris)

The foregoing instrument was acknowledged before me this 14 day of SEPT-EMBER, 1994, by JOHN LAPAGLIA, President, and by _____, Secretary of UNITED UTILITIES CORP., a corporation.

WITNESS my hand and official seal.

My Commission Expires:

4-2-98

Glenna D. Van Overbeke
Notary Public

Place of Residence:

Houston, Harris County, Texas

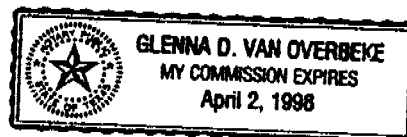


EXHIBIT "A"
Rainbow Unit
Uintah County, Utah
Lease Numbers and Description

<u>B.L.M. Lease Number</u>	<u>Location</u>
U-070535-E	T11S, R24E, SLM: SEC 8: LOTS 8 AND 4.
U-070536-B	T11S, R24E, SLM: SEC 1: LOT 9, SW/4NE/4.
U-17403	T11S, R24E, SLM, SEC 7: LOTS 5, 10, AND 11. SEC 8: LOTS 1-7, NE/4NE/4, N/2SW/4, W/2SE/4, SE/4SE/4, SW/4NW/4.
U-018859	T11S, R24E, SLM: SEC 19: LOTS 1-4, E/2W/2, SE/4
U-017664-A	T11S, R23E, SLM: SEC 1: LOTS 10-17, S/2NW/4, N/2SE/4, SE/4SE/4. SEC 12: LOTS 1-4, SW/4NE/4, NE/4NW/4.
U-0326	T11S, R24E, SLM: SEC 17: LOTS 1,2 SW/4NW/4 SEC 18: E/2NE/4.
U-0529	T11S, R24E, SLM: SEC 18: LOTS 1-4, E/2W/2, W/2NE/4, SE/4. SEC 19: NE/4.
U-036414	T11S, R24E, SLM: SEC 8: LOT 9.
U-062420	T11S, R23E, SLM: SEC 12: S/2NW/4, NW/4NW/4.



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

September 26, 1994

Dan Corredor
United Utilities Corporation
7670 Woodway, Suite 340
Houston, Texas 77063

Re: McKenzie Production Company to United Utilities Corporation

Dear Mr. Corredor:

In reviewing the operator change for the referenced companies, it was determined that your company is not currently registered with the Utah Department of Commerce. This letter is written to advise you of your responsibility to register your company with the state prior to conducting business within Utah. This can be accomplished by contacting:

Department of Commerce
Division of Corporations
160 East 300 South
Salt Lake City, Utah 84111
(801) 530-4849

Sincerely,

Lisha Cordova
Admin. Analyst

cc: Dept. of Commerce
D.T. Staley
R.J. Firth
Operator File(s)
Correspondence File/lde



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
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355 West North Temple
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Salt Lake City, Utah 84180-1203
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(801) 530-4849

Sincerely,

Lisha Cordova
Admin. Analyst

cc: Dept. of Commerce
D.T. Staley
R.J. Firth
Operator File(s)
Correspondence File/ldc

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

Routing:

1-LEC 7-PL	✓
2-LWP 8-SJ	✓
3-DPS 9-FILE	✓
4-VLC	✓
5-RJF	✓
6-LWP	✓

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 9-14-94)

TO (new operator)	<u>UNITED UTILITIES CORPORATION</u>	FROM (former operator)	<u>MCKENZIE PRODUCTION CO</u>
(address)	<u>7670 WOODWAY STE 340</u>	(address)	<u>7500 SAN FELIPE STE 400</u>
	<u>HOUSTON TX 77063</u>		<u>HOUSTON TX 77063</u>
	<u>JOHN LAPAGUA, PRES.</u>		<u>MICHAEL MCKENZIE, PRES.</u>
	phone (713) <u>782-9093</u>		phone (713) <u>780-9311</u>
	account no. <u>N6360 (9-26-94)</u>		account no. <u>N 0095</u>

*RAINBOW UNIT
*ROCK HOUSE UNIT

Well(s) (attach additional page if needed):

Name: **SEE ATTACHED**	API: <u>047-15805</u>	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- lec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 9-15-94)
- lec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 9-15-94)
- lec 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes (no) _____ If yes, show company file number: _____ (9-26-94 letter mailed)
- lec 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- lec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (9-26-94)
- lec 6. Cardex file has been updated for each well listed above. 9-28-94
- lec 7. Well file labels have been updated for each well listed above. 9-28-94
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (9-26-94)
- lec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- MC 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (no) (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- N/A 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- ___ 2. A copy of this form has been placed in the new and former operators' bond files.
- ___ 3. The former operator has requested a release of liability from their bond (yes/no) ___. Today's date _____ 19___. If yes, division response was made by letter dated _____ 19__.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19__, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- OTS 9/27/94
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- ✓ 1. All attachments to this form have been microfilmed. Date: October 3 1994.

FILING

- ___ 1. Copies of all attachments to this form have been filed in each well file.
- ___ 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

940923 BLM/SL Apr. 9-23-94 (Rainbow & Rockhouse Unit)

DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

Page 1 of 2

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

TAMARA SEITER
UNITED UTILITIES CORP
7670 WOODWAY STE 340
HOUSTON TX 77063

UTAH ACCOUNT NUMBER: N6360

REPORT PERIOD (MONTH/YEAR): 2 / 97

AMENDED REPORT ☐ (Highlight Changes)

[illegible]

COMMENTS:

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____

(12/83)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR UNITED UTILITIES CORP
ADDRESS _____

OPERATOR ACCT. NO. N 6360

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
C	2010	1350	43-047-15805	RAINBOW UNIT 1	NESW	8	11S	24E	UINTAH		
WELL 1 COMMENTS: *ENTITY 2010/RAINBOW UNIT-NON P.A.;WSTC PA IS ENTITY 1350. THIS WELL CURRENTLY HAS 3 DIFFERENT SCREENS GRRV ENTITY 2010;MVRD ENTITY 11999 & WSTC ENTITY 1350.											
B	99999	11999	43-047-32778	RAINBOW UNIT 7	NWNW	18	11S	24E	UINTAH	9-04-96	1-04-97
WELL 2 COMMENTS: *DUAL COMPL;MVRD PA ENTITY 11999;WCR REC'D 3-7-97.											
B	99999	01350	43-047-32778	RAINBOW UNIT 7	NWNW	18	11S	24E	UINTAH	-04-96	1-04-97
WELL 3 COMMENTS: *DUAL COMPL;WSTC PA ENTITY 1350;WCR REC'D 3-7-97.											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

LISHA CORDOVA (DOGM)

Signature

ADMIN. ANALYST

Title

3-7-97

Date

Phone No. () _____

UNITED

UTILITIES INCORPORATED

April 8, 1997

State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801
ATTN: Lisha Cordova

Re: Resignation of Unit Operator (Rainbow, Rockhouse & Upper Rockhouse)

Dear Lisha Cordova,

Per our conversation on April 7, 1997 United Utilities Corporation has resigned as Unit Operator effective February 1, 1997 and Rosewood Resources Inc. is now the new Operator effective February 1, 1997. Please find the Monthly Oil and Gas Production Report showing Well Name, API # and Location of the Wells so that you can properly update United Utilities and Rosewoods Accounts.

Thanks in advance and have a great day.

Sincerely,
United Utilities Corporation



Tamara Seiter
Senior Accountant
Revenue & Joint Interest Billing

ts

FAX

To:

Attn:

Jesha Cordova

Time Sent:

3:28 pm

From:

Sammy

Date:

4/8/97

Number of Pages:

4

Fax Number:

(801) 359-3940

(includes this page)

Remarks:

Jesha, I'm faxing you a letter
where United is Designing as
unit operator effective 2/1/98

Please call with any
questions

Thanks, Sammy

The information contained in this facsimile message is privileged and confidential information, intended for the use of the individual or entity indicated above. Any dissemination, distribution or copy of this communication is strictly prohibited. If you have received this communication in error, please immediately notify us by telephone and return the original message to us via the U. S. Postal Service. Thank you.

UUC

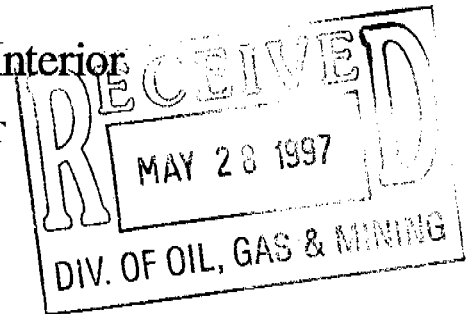
UNITED UTILITIES CORPORATION
7670 Woodway Dr., Suite 340
Houston, Texas 77063
Phone: (713) 782-9093
Fax: (713) 782-9095



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155



May 27, 1997

Rosewood Resources, Inc.
Suite 500
100 Crescent Court
Dallas, Texas 75201

Re: Rainbow Unit
Uintah County, Utah

Gentlemen:

On May 16, 1997, we received an indenture dated May 12, 1997, whereby United Utilities Corporation resigned as Unit Operator and Rosewood Resources, Inc. was designated as Successor Unit Operator for the Rainbow Unit, Uintah County, Utah.

The indenture was approved by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Rainbow Unit Agreement. The instrument is hereby approved effective May 27, 1997.

Your nationwide (Montana) oil and gas bond No. 0627 will be used to cover all operations within the Rainbow Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Vernal (w/enclosure)

~~Division of Oil, Gas & Mining~~

Minerals Adjudication Group U-932

File - Rainbow Unit (w/enclosure)

MMS - Data Management Division

Agr. Sec. Chron

Fluid Chron

U-931:TAThompson:tt:5/27/97

Well Status Report
Utah State Office
Bureau of Land Management

Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
** Inspection Item: 891007735B								
UTU017664A	4304715807	4 RAINBOW UNIT	NWSE	1	T11S	R23E	GSI	UNITED UTILITIES CORPORATION
** Inspection Item: 891007735C								
→ UTU017403	4304715805	1 RAINBOW UNIT	NESW	8	T11S	R24E	GSI	UNITED UTILITIES CORPORATION
UTU0529	4304715806	2-A RAINBOW UNIT	NESW	18	T11S	R24E	GSI	UNITED UTILITIES CORPORATION
UTU0529	4304732778	RAINBOW UNIT 7	NWNW	18	T11S	R24E	PGW	UNITED UTILITIES CORPORATION

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

1- <i>[initials]</i>	6- <i>[initials]</i>
2-GLH	7-KAS
3-DTS	8-SI
4-VLD	9-FILE
5-JRB	

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 2-1-97

TO: (new operator) ROSEWOOD RESOURCES INC
 (address) 100 CRESCENT COURT #500
DALLAS TX 75201
 Phone: (214)871-5710
 Account no. N7510

FROM: (old operator) UNITED UTILITIES CORP
 (address) 804 W DALLAS STE 10
CONROE TX 77301
TAMARA SEITER
 Phone: (409)788-6400
 Account no. N6360

WELL(S) attach additional page if needed:

*RAINBOW UNIT

Name: <u>RAINBOW UNIT 2A/WSTC</u>	API: <u>43-047-15806</u>	Entity: <u>1350</u>	S	<u>18</u>	T	<u>11S</u>	R	<u>24E</u>	Lease: <u>U0529</u>
Name: <u>RAINBOW UNIT 4/WSTC</u>	API: <u>43-047-15807</u>	Entity: <u>1355</u>	S	<u>1</u>	T	<u>11S</u>	R	<u>23E</u>	Lease: <u>U017664A</u>
Name: <u>RAINBOW UNIT 1/WSTC</u>	API: <u>43-047-15805</u>	Entity: <u>2010</u>	S	<u>8</u>	T	<u>11S</u>	R	<u>24E</u>	Lease: <u>U017403</u>
Name: <u>RAINBOW UNIT 7/WS & MV</u>	API: <u>43-047-32778</u>	Entity: <u>1350</u>	S	<u>18</u>	T	<u>11S</u>	R	<u>24E</u>	Lease: <u>UTU0529</u>
Name: _____	API: _____	Entity: <u>611999</u>	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- Lee* 1. (r649-8-10) Sundry or other legal documentation has been received from the FORMER operator (attach to this form). *Rec'd 4-8-97*
- ** 2. (r649-8-10) Sundry or other legal documentation has been received from the NEW operator (Attach to this form). *(Blm Approved)*
- N/A* 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) _____. If yes, show company file number: _____
- Lee* 4. FOR INDIAN AND FEDERAL WELLS ONLY. The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- Lee* 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(5-30-97)*
- Lee* 6. Cardex file has been updated for each well listed above. *(5-30-97)*
- Lee* 7. Well file labels have been updated for each well listed above. *(5-30-97)*
- Lee* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(5-30-97)*
- Lee* 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
** Oper. requests separate entity numbers for wells, do not group together.*
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.
- Yes 2. A **copy of this form** has been placed in the new and former operator's bond files.
3. The **FORMER** operator has requested a release of liability from their bond (yes/no) , as of today's date . If yes, division response was made to this request by letter dated .

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on to at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
OTS 4/3/97
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 19 , of their responsibility to notify all interest owners of this change.

FILMING

- Yes 1. All attachments to this form have been **microfilmed**. Today's date: 6.20.97.

FILING

1. Copies of all attachments to this form have been filed in each **well file**.
2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

COMMENTS

970527 BLM/SY Aprv. 5-27-97.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reenter a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.
UTU 63035A

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA, Agreement Designation
RAINBOW UNIT

8. Well Name and No.
RAINBOW FEDERAL #1

9. API Well No.
43-047-15805

10. Field and Pool, or Exploratory Area

11. County or Parish, State
UINTAH CO., UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well
☒ Gas Well
☐ Other

2. Name of Operator
ROSEWOOD RESOURCES, INC.

3. Address and Telephone No.
P.O. Box 1668, Vernal, UT 435-789-0414

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
NESW SEC. 8, T11S, R24E

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other SI STATUS
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

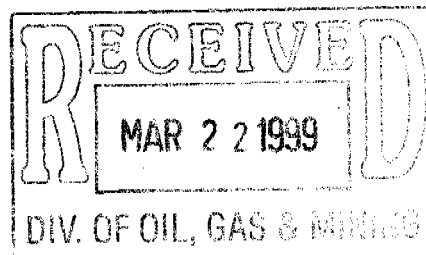
Rosewood Resources is currently conducting a geological evaluation on all Uintah Basin properties and requests a one year extension of the Shut In status of the above referenced well. There is 7" casing in this well and Rosewood is currently evaluating it for deepening.

Accepted by the
Utah Division of
Oil, Gas and Mining

Date: 3-24-99

By: *PSK*

COPY SENT TO OPERATOR
Date: 3-25-99
Initial: *CTD*



COPIES: ORIG. & 2-BLM; DIV. OG&M; J MCQUILLEN

14. I hereby certify that the foregoing is true and correct

Signed *Lacey Nemes*

Title Administrative Assistant

Date 03/09/99

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reenter a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.
UTU-63035A

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
RAINBOW UNIT

8. Well Name and No.
Rainbow Fed. #1

9. API Well No.
43-047-15805

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH CO., UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

ROSEWOOD RESOURCES, INC.

3. Address and Telephone No.

P.O. Box 1668, Vernal, UT 435-789-0414

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NESW Section 8, T11S, R24E

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

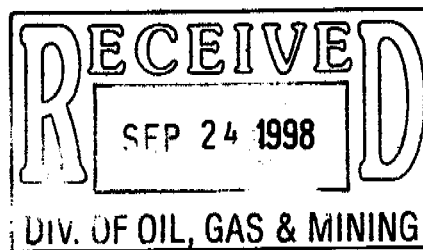
☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **TA STATUS**
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Rosewood Resources requests approval to place the above referenced well on TA status pending evaluation of additional zones.

COPY SENT TO OPERATOR
Date: 9.29.98
Initials: KOR



COPIES: ORIG. & 2-BLM; DIV. OG&M; J MCQUILLEN

14. I hereby certify that the foregoing is true and correct

Signed

Larry Nelson

Title Administrative Assistant

Date 09/21/98

(This space for Federal or State office use)

Approved by

**Accepted by the
Utah Division of
Oil, Gas and Mining**

Title

Date

Conditions of approval, if any.

*Federal Approval of this
Action is Necessary*

Title 18 U.S.C. Section 1001. Whoever knowingly and willfully makes to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

***See Instructions on Reverse Side**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
UTU-017403
6. If Indian, Allottee or Tribe Name
N/A

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit of CA/Agreement, Name and/or No. Rainbow Unit
2. Name of Operator Rosewood Resources, Inc.		8. Well Name and No. Rainbow #1
3a. Address P.O. Box 1668	3b. Phone No. (include area code) 435-789-0414	9. API Well No. 43-047-15805 D1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) NESW SEC 8 T11S R24E SLB&M		10. Field and Pool or Exploratory Area
		11. Country or Parish, State Utah Co. UT

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION				
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____	
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon		
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal		

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Rosewood Resources, Inc. has plugged above mentioned well. Please see attached rig reports. BLM representative Glade Rich witnessed plugging. Rosewood will re-seed location with BLM approved seed mixture Please feel free to call with any questions or concerns.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Jill Henrie		Title Administrative Assistant
Signature		Date 11/13/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED

NOV 19 2008

DIV. OF OIL, GAS & MINING

ROSEWOOD RESOURCES, INC.

Daily Chronological Report

WELL NAME: Rainbow #1

API # 43-047-15805

NESW SEC 8 T11S R24E SLB&M

Lease Number #UTU-017403

County : Uintah

Engineer : J Watkins / K Carrigan

Turnkey P&A costs on this well is \$63,800

9/29/2008

Pre-job safety meeting. Topic was pinch points. MIRU Western Wellsite. Blow down well. ND Wellhead. NU BOP. SDFN.

9/30/2008

Pre job safety meeting, Topic was pressure control, Blow down well, kill well with 20 bbls production water, Start out of hole with short string, Found parted rods after 10 jts, Shut down waiting for rod pressure control equipment, Start stripping out well, End of day laid down 60 5/8 rods and 52 jts 2 3/8 tubing, SDFN

10/1/2008

Pre job safety meeting, Topic was driving safety, Finish stripping out short string, TOH with long string. Long string was parted at 2636', TIH to 1700' for kill string, SDFN_

10/2/2008

Pre job safety meeting, Topic was fire safety, Blow down well, TOH and lay down kill string, Shut down waiting for new work string, Tally pipe, PU overshot, bumper sub, jars, 4 drill collars, TIH and latch onto fish @ 2634'. Pull 15000 over string weight tubing parted below overshot, Gained 4000 lbs on string wait, TOH to 2000', SDFN

10/3/2008

Pre job safety meeting, Topic was pinch points, TOH, LD fish (recovered 1734'), Check grapple and TIH, Top of fish at 4368', Tag fish, set grapple, pullup 4K over string weight and lost 3K, TOH, recover no fish, TIH to 4300', SDFN

10/4/2008

Pre job safety meeting, Topic was rig safety inspections, Tag fish and attempt to grab fish, TOH to see what we got, recover no fish, Put extension on and new grapple in, TIH, Tag top of fish attempt to grab no success, TOH, PU impression block and TIH, Tag fish and TOH, Block had no good marks on it, TIH with kill string to 2000', SDFN

10/5/2008

Pre job safety meeting, Topic was flash floods, TOO H with kill string, PU 3 3/4 overshot w/ 3 1/16 grapple and TIH, Tag top of fish, attempt to grab fish failed, RU to pump down hole, Try to work overshot down hole failed, TOO H, PU wash pipe and TIH, Tag top of fish and rig up power swivel, SDFN_

10/6/2008

Pre job safety meeting. Washed over pipe 20' could not go down. POOH w/ 4' tbg. Pieces of csg in wash pipe. Went in w/ overshot, grabbed tbg and started jarring. Jarred for 2 hours. SDFN (Adam Chastain spoke with Ryan Angus at BLM. He wants us to cement as deep as possible.)

10/7/2008

Pre Job safety meeting. Topic was hot works. Continue jarring on pipe. Never had any movement. Release fish. TOOH Stand back fishing tools. TIH to 2000' for kill string. SDF Days off.

10/13/2008

Pre job safety meeting, Topic was driving safety, TOH with kill string, PU skirted mill and TIH and tag fish, NU Washington head and RU power swivel, Mill out 10' of tubing, RD power swivel and ND Washington head, TOH and lay down skirted mill, SDFN

10/14/2008

Pre job safety meeting, Topic was pinch points, PU grapple and overshot, TIH and Grab fish at 4390', RU wireline, Run in hole with spud run, Could not get pass top of fish, TOOH with wireline, RD wireline, Release fish and TOOH, Lay down overshot and grapple, Break down fishing tools, Got permission from BLM to continue plugging, TIH with 7" bit to 4380', TOOH, TIH with 7" CICR and set at 4380', SDFN

10/15/2008

Pre job safety meeting, Topic was fire safety, Mix and pump 150 sxs class G cement (75 sxs under, 75 on top), TOH, WOC, TIH and tag cement at 3952, TOH to 3630', Mix and pump 40 sxs class G cement, TOH, WOC, SDFN

10/16/2008

Pre job safety meeting, Topic was equipment inspections, TIH and tag cement at 3463', TOH, TIH with CICR and set at 2870', Get injection rate into perfs, Pressure test casing held, Mix and pump 50 sxs class G cement (40 under, 10 on top)

10/17/2008

Pre job safety meeting, Topic was PPE safety, RU wireline, Run in hole and shot perfs ant 1200', TOH, RD wireline, Break circulation to surface, TIH with CICR and set at 1150', Mix and pump 105 sxs class G cement (10 on top, 95 under), TOH, WOC, SDFN

10/20/2008

Pre job safety meeting, Topic was flash floods, RU wireline, Run in hole to shoot perms, Gun malfunctioned, WO new wireline equipment, Shoot perms at 475', Change of plans due to continuing water flow from surface annulus, WO CICR, TIH with CICR and set at 405', Mix and pump 80 sxs class G cement (65 under and 15 on top), WOC, SDFN

10/21/2008

Pre job safety meeting, Topic was pinch points, opened well and it is still flowing water out of surface annulus, Mix and pump 110 sxs class G cement with calcium and LCM down surface annulus, WOC, Open well up after 6 hours and cement not set up yet, WOC, SDFN

10/22/2008

Pre job safety meeting, Topic was fire safety, opened well and it is still flowing water out of surface annulus, Mix and pump 200 sxs class G cement with calcium and LCM down surface annulus, WOC, Open well up after 6 hours and cement not set up yet, WOC, SDFN

10/23/2008

Pre job safety meeting, Topic was cold weather safety, opened well and finally killed the water but had a slight gas blow, Mix and pump 25 sxs class G cement with calcium and LCM down surface annulus till it pressured up, Pressured up to 1000 psi and shut in well, , WOC, Waited 6 hours and bumped pressure back to 1000 psi, WOC, SDFN

10/24/2008

Pre job safety meeting, Topic was PPE importance, Opened well still have the channel through cement on surface annulus, Shoot perms at 265', WO orders, Mix and pump 35 sxs down 7" casing flush with 5 bls production water, Shot in well, Pressure up well to 1500 psi and keep pressure on it all day, SDFN

10/27/2008

Pre job safety meeting, Topic was pinch points, RU wireline, Tag cement at 190', Cut casing at 114', NDBOP, NDWH, Lay down 7" casing, Cut 9 5/8 casing out of slips, Use grapple to pull slips and 3' of 9 5/8" casing, RU power swivel and prepare to start wash over in morning, , SDFN

10/28/2008

Pre job safety meeting, Topic was fire safety, PU wash pipe, Tag cement at 15', Begin washing over, Made 10', lay down wash pipe, SDFN

10/29/2008

Pre job safety meeting, Topic was driving safety, PU wash pipe, Tag cement at 15', Begin washing over, Made 5', lay down wash pipe, SDFN

10/30/2008

Pre job safety meeting, Topic was PPE safety, PU wash pipe, Tag cement at 30', Begin washing over, Made 5', lay down wash pipe, SDFN

Daily Cost: \$5,500 Cum, Cost \$163,225

10/31/2008

Pre job safety meeting, Topic was driving safety, PU wash pipe, Tag cement at 30', Begin washing over, Made 3', lay down wash pipe, SDFN

Daily Cost: \$5,500 Cum, Cost \$168,725

11/3/2008

Pre job safety meeting, Topic was pinch points, PU wash pipe, Tag cement at 35', Begin washing over, Made 2.5', lay down wash pipe, SDFN

Daily Cost: \$5,500 Cum, Cost \$174,225

11/4/2008

Pre job safety meeting, Topic was winter driving safety, PU wash pipe, Tag cement at 38', Begin washing over, Made 4', lay down wash pipe, Total depth 42', SDFN

Daily Cost: \$5,500 Cum, Cost \$179,725

*Cost sheet attached thru 10/30/08. (5500 per day rig charge moving forward)

11/5/2008

Pre job safety meeting, Topic was cold weather precautions, PU wash pipe, Tag cement at 42', Begin washing over, Problems making hole, lay down wash pipe, Latch on with grapple, Pulled to 60k and did not come, PU washover pipe, Continue to wash over, Made 1", Lay down washover pipe, Latch on with grapple, Pull to 15k and came free, Laid down 39' of 9 5/8" casing, Total depth 43', SDFN

Daily Cost: \$5,500 Cum, Cost \$185,225

11/6/2008

Pre job safety meeting, Topic was PPE, PU wash pipe, Tag cement at 43', Begin washing over, Problems making hole, lay down wash pipe, PU cutter and TIH to 60', Cut casing, TOH, Lay down cutter, PU grapple and latch on to casing, Pulled to 80k and didn't come, Release and lay down grapple, PU washover pipe, Continue to wash over, Made 3", Lay down washover pipe, Total depth 46', SDFN

Daily Cost: \$5,500 Cum, Cost \$190,725

11/7/2008

Pre job safety meeting, Topic was safety inspections, PU wash pipe, Tag cement at 46', Begin to wash over, Made 20', Lay down wash pipe and RD swivel, Latch onto casing with grapple, Pull casing, Total depth 61', SDFN

Daily Cost: \$5,500 Cum, Cost \$196,225

11/8/2008

Break down fishing tools, Load tools on hot shot, PU 13 3/8" CICR, TIH and set at 59', Pressure test under CICR holds, Sting out and fill casing to surface with 35 sxs class G cement, TOH, RD, Top off with 10 sxs cement, Weld on plate, Backfill. RDMO

Plugging was witnessed by BLM representative Glade Rich.

On well for 30 days

Four 7" CICR and one 133/8" CICR used

840 total sxs class G cement

Daily Cost: \$5,500 Cum, Cost \$201,725